

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070424.D
 Acq On : 31 Dec 2021 3:29
 Operator : JC/MD
 Sample : M5179-04MEMSD
 Misc : 7.37g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTMEMSD

Quant Time: Dec 31 06:36:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

01/03/2022
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.083	168	1620422	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	2718918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	2919653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1166572	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	734422	31.522	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	63.040%
35) Dibromofluoromethane	8.018	113	528758	32.142	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	64.280%#
50) Toluene-d8	10.440	98	2205089	32.812	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	65.620%
62) 4-Bromofluorobenzene	12.731	95	839881	34.602	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	69.200%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.067	85	903871	49.186	ug/l	99
3) Chloromethane	2.298	50	1193408	47.741	ug/l	99
4) Vinyl Chloride	2.445	62	1107201	48.648	ug/l	99
5) Bromomethane	2.813	94	412806	35.141	ug/l	99
6) Chloroethane	2.947	64	640239	46.712	ug/l	97
7) Trichlorofluoromethane	3.330	101	1241445	45.319	ug/l	99
8) Diethyl Ether	3.813	74	625263	51.777	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.181	101	846775	50.539	ug/l	95
10) Methyl Iodide	4.398	142	1179438	52.015	ug/l	98
11) Tert butyl alcohol	5.417	59	1200185	309.380	ug/l	100
12) 1,1-Dichloroethene	4.154	96	816036	49.447	ug/l	90
13) Acrolein	4.033	56	796208	252.954	ug/l	100
14) Allyl chloride	4.822	41	2028863	54.223	ug/l #	83
15) Acrylonitrile	5.554	53	3767460	311.216	ug/l	99
16) Acetone	4.291	43	3226396	213.324	ug/l	99
17) Carbon Disulfide	4.505	76	2314236	51.372	ug/l	100
18) Methyl Acetate	4.851	43	2527483	57.771	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	3234620	52.777	ug/l	94
20) Methylene Chloride	5.082	84	1042554	49.822	ug/l #	86
21) trans-1,2-Dichloroethene	5.583	96	870549	49.821	ug/l #	84
22) Diisopropyl ether	6.498	45	3990618	54.757	ug/l #	90
23) Vinyl Acetate	6.431	43	15846784m	280.254	ug/l	
24) 1,1-Dichloroethane	6.380	63	1934278	51.187	ug/l	98
25) 2-Butanone	7.340	43	5632125	295.751	ug/l	91
26) 2,2-Dichloropropane	7.321	77	1090062	36.566	ug/l	99
27) cis-1,2-Dichloroethene	7.321	96	1092317	52.390	ug/l	89
28) Bromochloromethane	7.656	49	922148	49.898	ug/l #	75
29) Tetrahydrofuran	7.686	42	3577921	314.902	ug/l #	86
30) Chloroform	7.815	83	1838367	50.428	ug/l	100
31) Cyclohexane	8.091	56	1887914	51.350	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	1545973	50.295	ug/l	96
36) 1,1-Dichloropropene	8.220	75	1386910	50.963	ug/l	96
37) Ethyl Acetate	7.415	43	2082441	59.034	ug/l	97
38) Carbon Tetrachloride	8.201	117	1309264	50.383	ug/l	100
39) Methylcyclohexane	9.459	83	1742752	52.896	ug/l	88
40) Benzene	8.458	78	4307999	51.635	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070424.D
 Acq On : 31 Dec 2021 3:29
 Operator : JC/MD
 Sample : M5179-04MEMSD
 Misc : 7.37g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTMEMSD

Quant Time: Dec 31 06:36:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

01/03/2022
 Supervised By :mohammad
 ahmed

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.638	41	1120955	63.532	ug/l	#	86
42) 1,2-Dichloroethane	8.528	62	1539986	49.107	ug/l		99
43) Isopropyl Acetate	8.563	43	3302918	59.388	ug/l	#	94
44) Trichloroethene	9.215	130	1002512	50.570	ug/l		92
45) 1,2-Dichloropropane	9.488	63	1209510	53.843	ug/l		100
46) Dibromomethane	9.577	93	730728	52.313	ug/l		94
47) Bromodichloromethane	9.762	83	1539155	55.493	ug/l		99
48) Methyl methacrylate	9.561	41	1692733	63.809	ug/l	#	81
49) 1,4-Dioxane	9.574	88	522221	1344.812	ug/l	#	82
51) 4-Methyl-2-Pentanone	10.333	43	11729640	335.645	ug/l		97
52) Toluene	10.505	92	2777431	54.998	ug/l		98
53) t-1,3-Dichloropropene	10.719	75	1737820	57.877	ug/l		99
54) cis-1,3-Dichloropropene	10.188	75	1781918	54.860	ug/l		95
55) 1,1,2-Trichloroethane	10.899	97	1151690	57.639	ug/l		96
56) Ethyl methacrylate	10.762	69	2194876	66.480	ug/l	#	89
57) 1,3-Dichloropropane	11.046	76	2035579	57.598	ug/l		100
58) 2-Chloroethyl Vinyl ether	10.041	63	2733326	318.627	ug/l		90
59) 2-Hexanone	11.089	43	8132458	319.112	ug/l		94
60) Dibromochloromethane	11.240	129	1219132	62.535	ug/l		100
61) 1,2-Dibromoethane	11.347	107	1205560	59.421	ug/l		99
64) Tetrachloroethene	10.977	164	1102871	52.164	ug/l		96
65) Chlorobenzene	11.771	112	3149939	50.847	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.843	131	1119630	50.626	ug/l		99
67) Ethyl Benzene	11.846	91	5920182	52.158	ug/l		96
68) m/p-Xylenes	11.953	106	4414497	106.847	ug/l		94
69) o-Xylene	12.280	106	2214943	53.897	ug/l		94
70) Styrene	12.294	104	3559097	54.720	ug/l		96
71) Bromoform	12.460	173	913860	55.679	ug/l	#	100
73) Isopropylbenzene	12.578	105	5757531	53.146	ug/l		98
74) N-amyl acetate	12.390	43	2681041	58.859	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.827	83	1725755	48.433	ug/l		99
76) 1,2,3-Trichloropropane	12.881	75	1656794m	48.083	ug/l		
77) Bromobenzene	12.862	156	1216438	48.909	ug/l		76
78) n-propylbenzene	12.921	91	6608040	55.053	ug/l		96
79) 2-Chlorotoluene	13.007	91	3828089	49.705	ug/l		93
80) 1,3,5-Trimethylbenzene	13.061	105	4625448	53.280	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.626	75	512213	53.645	ug/l		96
82) 4-Chlorotoluene	13.106	91	3693789	51.202	ug/l		92
83) tert-Butylbenzene	13.323	119	3970198	51.937	ug/l		94
84) 1,2,4-Trimethylbenzene	13.369	105	4541356	54.326	ug/l		98
85) sec-Butylbenzene	13.500	105	5634473	54.291	ug/l		97
86) p-Isopropyltoluene	13.616	119	4433135	54.378	ug/l		97
87) 1,3-Dichlorobenzene	13.616	146	2106121	50.584	ug/l		97
88) 1,4-Dichlorobenzene	13.696	146	2065736	50.297	ug/l		97
89) n-Butylbenzene	13.943	91	3931571	57.817	ug/l		97
90) Hexachloroethane	14.211	117	801038	56.559	ug/l		91
91) 1,2-Dichlorobenzene	13.989	146	2038214	49.936	ug/l		97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	378361	60.290	ug/l		81
93) 1,2,4-Trichlorobenzene	15.262	180	1100713	57.233	ug/l		98
94) Hexachlorobutadiene	15.370	225	574182	51.370	ug/l		98
95) Naphthalene	15.507	128	3296113	61.581	ug/l		100
96) 1,2,3-Trichlorobenzene	15.700	180	1068805	57.966	ug/l		98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN123021\
 Data File : VN070424.D
 Acq On : 31 Dec 2021 3:29
 Operator : JC/MD
 Sample : M5179-04MEMSD
 Misc : 7.37g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_N
ClientSampleId :
 POST-EXCAVATION-BOTTOM-EASTMEMSD

Quant Time: Dec 31 06:36:05 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

Manual Integrations
APPROVED

Reviewed By :Amit Patel 01/03/2022
 Supervised By :mohammad ahmed 01/03/2022

01/03/2022
 Supervised By :mohammad
 ahmed

01/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed						

