

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070322.D
 Acq On : 27 Dec 2021 20:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 28 01:44:48 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1202902	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1989063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1852055	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	800133	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	837732	48.44	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.88%		
35) Dibromofluoromethane	8.021	113	593987	49.36	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	98.72%		
50) Toluene-d8	10.441	98	2431961	49.47	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.94%		
62) 4-Bromofluorobenzene	12.731	95	893066	50.29	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	100.58%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	601272	44.08	ug/l	99
3) Chloromethane	2.303	50	766389	41.30	ug/l	99
4) Vinyl Chloride	2.448	62	711483	42.11	ug/l	99
5) Bromomethane	2.851	94	381035	43.70	ug/l	99
6) Chloroethane	3.019	64	422959	41.57	ug/l	98
7) Trichlorofluoromethane	3.379	101	849079	41.75	ug/l	98
8) Diethyl Ether	3.824	74	379848	42.37	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.210	101	534909	43.01	ug/l	96
10) Methyl Iodide	4.420	142	737405	43.81	ug/l	100
11) Tert butyl alcohol	5.380	59	599235	208.08	ug/l	99
12) 1,1-Dichloroethene	4.181	96	518040	42.29	ug/l	88
13) Acrolein	4.041	56	491834	210.49	ug/l	98
14) Allyl chloride	4.841	41	1183405	42.61	ug/l	89
15) Acrylonitrile	5.554	53	1963152	218.46	ug/l	100
16) Acetone	4.285	43	1970844	175.54	ug/l	99
17) Carbon Disulfide	4.529	76	1396464	41.76	ug/l	99
18) Methyl Acetate	4.854	43	1358180	41.82	ug/l	92
19) Methyl tert-butyl Ether	5.616	73	1983143	43.59	ug/l	95
20) Methylene Chloride	5.095	84	637621	41.05	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	551004	42.48	ug/l	87
22) Diisopropyl ether	6.498	45	2334624	43.15	ug/l	92
23) Vinyl Acetate	6.434	43	9325546	222.17	ug/l	95
24) 1,1-Dichloroethane	6.388	63	1184671	42.23	ug/l	98
25) 2-Butanone	7.335	43	2871394	203.12	ug/l	92
26) 2,2-Dichloropropane	7.324	77	913887	41.30	ug/l	97
27) cis-1,2-Dichloroethene	7.327	96	661974	42.77	ug/l	86
28) Bromochloromethane	7.659	49	557866	40.66	ug/l #	78
29) Tetrahydrofuran	7.683	42	1861861	220.74	ug/l	88
30) Chloroform	7.818	83	1146007	42.35	ug/l	99
31) Cyclohexane	8.094	56	1154297	42.29	ug/l	89
32) 1,1,1-Trichloroethane	8.013	97	979034	42.91	ug/l	97
36) 1,1-Dichloropropene	8.223	75	860855	43.24	ug/l	96
37) Ethyl Acetate	7.413	43	1115853	43.24	ug/l	97
38) Carbon Tetrachloride	8.206	117	802178	42.20	ug/l	99
39) Methylcyclohexane	9.459	83	1073626	44.54	ug/l	89
40) Benzene	8.459	78	2616191	42.86	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070322.D
 Acq On : 27 Dec 2021 20:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/28/2021
 Supervised By : Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 28 01:44:48 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	576094	44.63	ug/l	88
42) 1,2-Dichloroethane	8.531	62	979590	42.70	ug/l	98
43) Isopropyl Acetate	8.560	43	1776267	43.66	ug/l #	94
44) Trichloroethene	9.215	130	616198	42.49	ug/l	93
45) 1,2-Dichloropropane	9.491	63	711410	43.29	ug/l	100
46) Dibromomethane	9.577	93	441627	43.22	ug/l	93
47) Bromodichloromethane	9.762	83	882486	43.49	ug/l	100
48) Methyl methacrylate	9.558	41	887780	45.75	ug/l #	79
49) 1,4-Dioxane	9.569	88	239758	843.97	ug/l	86
51) 4-Methyl-2-Pentanone	10.331	43	5699352	222.93	ug/l	97
52) Toluene	10.505	92	1611763	43.63	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	971456	44.23	ug/l	99
54) cis-1,3-Dichloropropene	10.188	75	1065762	44.85	ug/l	94
55) 1,1,2-Trichloroethane	10.896	97	630676	43.15	ug/l	99
56) Ethyl methacrylate	10.760	69	1079967	44.71	ug/l	89
57) 1,3-Dichloropropane	11.044	76	1128402	43.64	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1251643	206.37	ug/l	91
59) 2-Hexanone	11.084	43	4072846	218.46	ug/l	95
60) Dibromochloromethane	11.237	129	622625	43.66	ug/l	100
61) 1,2-Dibromoethane	11.344	107	651644	43.90	ug/l	98
64) Tetrachloroethene	10.977	164	558331	41.63	ug/l	96
65) Chlorobenzene	11.768	112	1681344	42.79	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.841	131	592253	42.22	ug/l	99
67) Ethyl Benzene	11.843	91	3171854	44.05	ug/l	96
68) m/p-Xylenes	11.953	106	2323477	88.65	ug/l	93
69) o-Xylene	12.280	106	1154853	44.30	ug/l	92
70) Styrene	12.294	104	1884087	45.66	ug/l	96
71) Bromoform	12.457	173	458607	44.05	ug/l #	100
73) Isopropylbenzene	12.578	105	3051348	41.07	ug/l	98
74) N-amyl acetate	12.388	43	1290486	41.31	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	977404	39.30	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	986404m	42.10	ug/l	
77) Bromobenzene	12.860	156	684507	40.13	ug/l	78
78) n-propylbenzene	12.919	91	3484064	42.32	ug/l	96
79) 2-Chlorotoluene	13.007	91	2130814	40.34	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	2485332	41.74	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.624	75	278985	42.60	ug/l	98
82) 4-Chlorotoluene	13.104	91	2042407	41.28	ug/l	92
83) tert-Butylbenzene	13.324	119	2148938	40.99	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	2423528	42.27	ug/l	97
85) sec-Butylbenzene	13.501	105	3037397	42.67	ug/l	97
86) p-Isopropyltoluene	13.616	119	2411871	43.13	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	1169982	40.97	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1139734	40.46	ug/l	97
89) n-Butylbenzene	13.940	91	1984587	42.55	ug/l	97
90) Hexachloroethane	14.209	117	406905	41.89	ug/l	89
91) 1,2-Dichlorobenzene	13.989	146	1130989	40.40	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	172645	40.11	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	536890	40.70	ug/l	98
94) Hexachlorobutadiene	15.367	225	326624	42.60	ug/l	99
95) Naphthalene	15.507	128	1394119	38.66	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	515511	41.01	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
Data File : VN070322.D
Acq On : 27 Dec 2021 20:42
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

Reviewed By :John Carlone 12/28/2021
Supervised By :Semsettin Yesilyurt 12/30/2021

Quant Time: Dec 28 01:44:48 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

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

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

