

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075047.D
 Acq On : 27 Oct 2022 17:43
 Operator : JC\MD
 Sample : VN1027MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 02:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	100143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	186724	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	169995	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	80021	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	69508	51.514	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.020%			
35) Dibromofluoromethane	8.171	113	54119	49.371	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.740%			
50) Toluene-d8	10.571	98	215644	50.706	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.420%			
62) 4-Bromofluorobenzene	12.853	95	75689	50.664	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 101.320%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	25900	19.881	ug/l	96
3) Chloromethane	2.371	50	28976	20.940	ug/l	98
4) Vinyl Chloride	2.524	62	39899	20.212	ug/l	96
5) Bromomethane	2.942	94	30942	18.871	ug/l	95
6) Chloroethane	3.124	64	27896	19.707	ug/l	94
7) Trichlorofluoromethane	3.506	101	39918	19.795	ug/l	96
8) Diethyl Ether	3.977	74	15186	20.646	ug/l	96
9) 1,1,2-Trichlorotrifluo...	4.389	101	22084	19.830	ug/l	99
10) Methyl Iodide	4.600	142	31828	19.197	ug/l	98
11) Tert butyl alcohol	5.542	59	29725	94.466	ug/l	97
12) 1,1-Dichloroethene	4.348	96	19764	18.618	ug/l	94
13) Acrolein	4.195	56	23290	90.490	ug/l	97
14) Allyl chloride	5.036	41	31447	20.283	ug/l	98
15) Acrylonitrile	5.730	53	65337	98.295	ug/l	99
16) Acetone	4.442	43	56469	98.838	ug/l	99
17) Carbon Disulfide	4.724	76	49570	18.569	ug/l	95
18) Methyl Acetate	5.042	43	38975	20.884	ug/l	99
19) Methyl tert-butyl Ether	5.812	73	76653	19.428	ug/l	99
20) Methylene Chloride	5.289	84	24998	19.624	ug/l #	86
21) trans-1,2-Dichloroethene	5.795	96	21782	18.741	ug/l	97
22) Diisopropyl ether	6.689	45	66577	19.459	ug/l	98
23) Vinyl Acetate	6.612	43	279214m	97.727	ug/l	
24) 1,1-Dichloroethane	6.577	63	42022	19.420	ug/l	99
25) 2-Butanone	7.494	43	89891	100.029	ug/l	99
26) 2,2-Dichloropropane	7.500	77	36033	18.101	ug/l	100
27) cis-1,2-Dichloroethene	7.500	96	26222	18.892	ug/l	96
28) Bromochloromethane	7.818	49	18675	20.473	ug/l	96
29) Tetrahydrofuran	7.847	42	57177	98.463	ug/l	98
30) Chloroform	7.977	83	44760	19.051	ug/l	98
31) Cyclohexane	8.259	56	38324	19.097	ug/l	99
32) 1,1,1-Trichloroethane	8.177	97	42495	19.918	ug/l	93
36) 1,1-Dichloropropene	8.377	75	32347	19.061	ug/l	99
37) Ethyl Acetate	7.571	43	34819	18.709	ug/l	97
38) Carbon Tetrachloride	8.365	117	35730	19.140	ug/l	94
39) Methylcyclohexane	9.606	83	41610	18.573	ug/l	96
40) Benzene	8.612	78	100746	19.389	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
 Data File : VN075047.D
 Acq On : 27 Oct 2022 17:43
 Operator : JC\MD
 Sample : VN1027MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1027MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/28/2022
 Supervised By : Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 02:15:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 09:48:49 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.789	41	17007	19.073	ug/l	95
42) 1,2-Dichloroethane	8.677	62	36806	19.469	ug/l	98
43) Isopropyl Acetate	8.694	43	55308	19.159	ug/l	99
44) Trichloroethene	9.353	130	24202	18.565	ug/l	98
45) 1,2-Dichloropropane	9.624	63	25486	20.610	ug/l	96
46) Dibromomethane	9.712	93	18237	18.930	ug/l	99
47) Bromodichloromethane	9.894	83	36091	19.345	ug/l	97
48) Methyl methacrylate	9.682	41	26069	19.686	ug/l	98
49) 1,4-Dioxane	9.700	88	12976	374.198	ug/l #	94
51) 4-Methyl-2-Pentanone	10.447	43	185383	99.513	ug/l	99
52) Toluene	10.635	92	67415	19.409	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	37317	18.950	ug/l	94
54) cis-1,3-Dichloropropene	10.318	75	40356	19.322	ug/l	98
55) 1,1,2-Trichloroethane	11.018	97	26306	19.100	ug/l #	86
56) Ethyl methacrylate	10.877	69	41054	19.542	ug/l	96
57) 1,3-Dichloropropane	11.165	76	45418	19.802	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.165	63	81602	100.473	ug/l	98
59) 2-Hexanone	11.200	43	140390	99.294	ug/l	98
60) Dibromochloromethane	11.359	129	26748	18.408	ug/l	98
61) 1,2-Dibromoethane	11.471	107	27046	19.162	ug/l	99
64) Tetrachloroethene	11.112	164	20056	19.244	ug/l #	84
65) Chlorobenzene	11.894	112	70281	19.369	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.965	131	25984	19.304	ug/l	99
67) Ethyl Benzene	11.965	91	128889	19.743	ug/l	98
68) m/p-Xylenes	12.071	106	101049	38.576	ug/l	98
69) o-Xylene	12.400	106	51544	19.897	ug/l	97
70) Styrene	12.412	104	79807	19.321	ug/l	99
71) Bromoform	12.576	173	18119	17.979	ug/l #	99
73) Isopropylbenzene	12.700	105	128248	19.963	ug/l	99
74) N-amyl acetate	12.494	43	49796	20.958	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.941	83	42107	20.468	ug/l	98
76) 1,2,3-Trichloropropane	12.994	75	32374m	19.054	ug/l	
77) Bromobenzene	12.982	156	28305	20.010	ug/l	98
78) n-propylbenzene	13.035	91	143134	19.845	ug/l	99
79) 2-Chlorotoluene	13.129	91	87700	19.898	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	109759	20.342	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.735	75	12009	18.144	ug/l	92
82) 4-Chlorotoluene	13.129	91	87700	19.898	ug/l	99
83) tert-Butylbenzene	13.441	119	96244	20.074	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	110256	20.196	ug/l	99
85) sec-Butylbenzene	13.618	105	135375	20.184	ug/l	98
86) p-Isopropyltoluene	13.729	119	109506	19.769	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	53672	19.379	ug/l	99
88) 1,4-Dichlorobenzene	13.812	146	52379	19.109	ug/l	98
89) n-Butylbenzene	14.059	91	90154	20.211	ug/l	99
90) Hexachloroethane	14.335	117	19489	19.189	ug/l	99
91) 1,2-Dichlorobenzene	14.106	146	54755	19.886	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.717	75	8646	19.952	ug/l	96
93) 1,2,4-Trichlorobenzene	15.388	180	23244	19.618	ug/l	98
94) Hexachlorobutadiene	15.500	225	10725	18.568	ug/l	99
95) Naphthalene	15.641	128	90538	19.871	ug/l	99
96) 1,2,3-Trichlorobenzene	15.841	180	23154	19.668	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102722\
Data File : VN075047.D
Acq On : 27 Oct 2022 17:43
Operator : JC\MD
Sample : VN1027MBS01
Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN1027MBS01

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/28/2022
Supervised By :Mahesh Dadoda 10/31/2022

Quant Time: Oct 28 02:15:36 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 09:48:49 2022
Response via : Initial Calibration

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

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

