

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022422\
 Data File : VX027170.D
 Acq On : 24 Feb 2022 15:15
 Operator : JC/MD
 Sample : VX0224MBS01
 Misc : 5.00g/10.0mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0224MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 02/25/2022
 Supervised By : Mahesh Dadoda 02/25/2022

Quant Time: Feb 25 00:04:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022322W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 23 13:06:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	75222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	120172	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	111123	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53625	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	42924	47.513	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	95.020%		
35) Dibromofluoromethane	5.391	113	35087	47.038	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.080%		
50) Toluene-d8	8.647	98	132725	47.587	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	95.180%		
62) 4-Bromofluorobenzene	11.079	95	50756	47.409	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	94.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.173	85	13278	17.758	ug/l	98
3) Chloromethane	1.295	50	12803	18.317	ug/l	100
4) Vinyl Chloride	1.374	62	12051	17.309	ug/l	95
5) Bromomethane	1.605	94	7650	24.664	ug/l	97
6) Chloroethane	1.685	64	7563	17.691	ug/l	96
7) Trichlorofluoromethane	1.892	101	19296	17.820	ug/l	97
8) Diethyl Ether	2.136	74	7026	18.642	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	13731	18.203	ug/l	97
10) Methyl Iodide	2.453	142	19080	18.837	ug/l	95
11) Tert butyl alcohol	2.965	59	15026	85.484	ug/l	96
12) 1,1-Dichloroethene	2.319	96	13096	17.883	ug/l	94
13) Acrolein	2.239	56	14846	91.377	ug/l	99
14) Allyl chloride	2.666	41	23145	17.951	ug/l	95
15) Acrylonitrile	3.063	53	43509	96.463	ug/l	98
16) Acetone	2.380	43	36358	91.662	ug/l	95
17) Carbon Disulfide	2.514	76	32435	17.033	ug/l	99
18) Methyl Acetate	2.709	43	19401	18.950	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	47702	18.984	ug/l	99
20) Methylene Chloride	2.794	84	15274	18.578	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	14608	18.705	ug/l	92
22) Diisopropyl ether	3.764	45	48050	19.116	ug/l	97
23) Vinyl Acetate	3.727	43	205656	96.890	ug/l	97
24) 1,1-Dichloroethane	3.611	63	25955	18.266	ug/l	99
25) 2-Butanone	4.556	43	59826	94.708	ug/l	99
26) 2,2-Dichloropropane	4.477	77	18094	17.553	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	16878	18.635	ug/l	93
28) Bromochloromethane	4.904	49	10342	17.991	ug/l	92
29) Tetrahydrofuran	5.007	42	40238	95.175	ug/l	96
30) Chloroform	5.099	83	27608	18.706	ug/l	98
31) Cyclohexane	5.477	56	24894	18.399	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	23362	18.286	ug/l	97
36) 1,1-Dichloropropene	5.696	75	19813	18.200	ug/l	96
37) Ethyl Acetate	4.715	43	22649	18.949	ug/l	96
38) Carbon Tetrachloride	5.678	117	20344	17.918	ug/l	96
39) Methylcyclohexane	7.385	83	25192	18.603	ug/l	96
40) Benzene	6.038	78	59659	18.740	ug/l	100

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12700	19.369	ug/l	95
42) 1,2-Dichloroethane	6.092	62	21343	18.898	ug/l	96
43) Isopropyl Acetate	6.342	43	35701	19.416	ug/l	97
44) Trichloroethene	7.129	130	17760	18.649	ug/l	95
45) 1,2-Dichloropropane	7.434	63	15119	19.437	ug/l	100
46) Dibromomethane	7.580	93	10757	19.254	ug/l	94
47) Bromodichloromethane	7.824	83	20501	18.800	ug/l	98
48) Methyl methacrylate	7.696	41	18121	20.360	ug/l	95
49) 1,4-Dioxane	7.659	88	7417	368.627	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	118764	99.376	ug/l	97
52) Toluene	8.720	92	39101	19.181	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	20291	18.438	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	22937	18.843	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	15802	19.571	ug/l	98
56) Ethyl methacrylate	9.116	69	24088	19.162	ug/l	95
57) 1,3-Dichloropropane	9.311	76	26573	19.787	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	60827	100.387	ug/l	96
59) 2-Hexanone	9.433	43	89500	97.985	ug/l	95
60) Dibromochloromethane	9.525	129	15683	18.724	ug/l	99
61) 1,2-Dibromoethane	9.610	107	16777	19.511	ug/l	98
64) Tetrachloroethene	9.275	164	18144	18.047	ug/l	95
65) Chlorobenzene	10.080	112	42238	18.646	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	15146	18.438	ug/l	98
67) Ethyl Benzene	10.195	91	73599	18.508	ug/l	100
68) m/p-Xylenes	10.305	106	57844	37.838	ug/l	97
69) o-Xylene	10.640	106	28795	18.767	ug/l	95
70) Styrene	10.659	104	47500	18.920	ug/l	98
71) Bromoform	10.799	173	11336	18.222	ug/l #	99
73) Isopropylbenzene	10.964	105	75235	19.607	ug/l	99
74) N-amyl acetate	10.842	43	28917	19.806	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	22577	19.920	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	21841m	20.221	ug/l	
77) Bromobenzene	11.201	156	18192	19.007	ug/l	94
78) n-propylbenzene	11.305	91	84814	19.447	ug/l	99
79) 2-Chlorotoluene	11.366	91	51473	19.260	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	63087	19.552	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	5686	18.859	ug/l	96
82) 4-Chlorotoluene	11.457	91	60176	19.710	ug/l	99
83) tert-Butylbenzene	11.713	119	60025	19.132	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	62721	19.543	ug/l	97
85) sec-Butylbenzene	11.890	105	76030	19.327	ug/l	99
86) p-Isopropyltoluene	12.012	119	64735	19.303	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	33874	18.809	ug/l	98
88) 1,4-Dichlorobenzene	12.043	146	34687	18.837	ug/l	100
89) n-Butylbenzene	12.335	91	53063	18.930	ug/l	99
90) Hexachloroethane	12.536	117	9195	17.700	ug/l	93
91) 1,2-Dichlorobenzene	12.335	146	33472	19.048	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	4875	18.527	ug/l	85
93) 1,2,4-Trichlorobenzene	13.591	180	20941	18.885	ug/l	98
94) Hexachlorobutadiene	13.725	225	8737	18.978	ug/l	96
95) Naphthalene	13.774	128	73210	19.429	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	21049	18.937	ug/l	98

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

