

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042122\
 Data File : VX028262.D
 Acq On : 22 Apr 2022 00:07
 Operator : JC/MD
 Sample : VX0421MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0421MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/22/2022
 Supervised By : Semsettin Yesilyurt 04/22/2022

Quant Time: Apr 22 06:23:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X041922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 19 13:38:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	296764	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	491297	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	459303	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	243397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	190569	49.250	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	98.500%		
35) Dibromofluoromethane	5.385	113	167482	48.610	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.220%		
50) Toluene-d8	8.653	98	628888	47.524	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.040%		
62) 4-Bromofluorobenzene	11.085	95	233422	46.132	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.260%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	50603	26.415	ug/l	99
3) Chloromethane	1.288	50	50615	25.002	ug/l	99
4) Vinyl Chloride	1.374	62	61120	20.430	ug/l	100
5) Bromomethane	1.599	94	51587	13.355	ug/l	97
6) Chloroethane	1.685	64	43599	18.307	ug/l	94
7) Trichlorofluoromethane	1.886	101	118783	18.005	ug/l	98
8) Diethyl Ether	2.136	74	42343	19.459	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	55354	23.034	ug/l	96
10) Methyl Iodide	2.453	142	62683	22.310	ug/l	96
11) Tert butyl alcohol	2.959	59	87009	111.930	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	52839	23.168	ug/l	93
13) Acrolein	2.233	56	44882	94.643	ug/l	98
14) Allyl chloride	2.666	41	72401	18.919	ug/l	94
15) Acrylonitrile	3.062	53	157656	99.980	ug/l	99
16) Acetone	2.373	43	135107	113.556	ug/l	93
17) Carbon Disulfide	2.514	76	115197	18.756	ug/l	99
18) Methyl Acetate	2.703	43	69194	20.112	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	192602	20.251	ug/l	96
20) Methylene Chloride	2.788	84	61800	21.525	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	59852	19.297	ug/l	97
22) Diisopropyl ether	3.764	45	163368	18.743	ug/l	90
23) Vinyl Acetate	3.721	43	710406	93.290	ug/l	100
24) 1,1-Dichloroethane	3.617	63	101053	19.635	ug/l	98
25) 2-Butanone	4.556	43	215726	94.136	ug/l	100
26) 2,2-Dichloropropane	4.483	77	75214	14.968	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	72114	19.499	ug/l	91
28) Bromochloromethane	4.904	49	46594	21.101	ug/l	89
29) Tetrahydrofuran	5.007	42	135951	90.984	ug/l	98
30) Chloroform	5.099	83	117323	18.982	ug/l	98
31) Cyclohexane	5.477	56	86009	18.244	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	104115	18.602	ug/l	99
36) 1,1-Dichloropropene	5.696	75	79638	17.720	ug/l	97
37) Ethyl Acetate	4.721	43	83833	18.383	ug/l	99
38) Carbon Tetrachloride	5.684	117	91449	18.025	ug/l	98
39) Methylcyclohexane	7.385	83	98494	17.369	ug/l	95
40) Benzene	6.044	78	243998	18.547	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	43568	18.518	ug/l	97
42) 1,2-Dichloroethane	6.092	62	89788	18.386	ug/l	100
43) Isopropyl Acetate	6.342	43	127042	17.117	ug/l	97
44) Trichloroethene	7.129	130	72941	19.120	ug/l	98
45) 1,2-Dichloropropane	7.434	63	58524	18.174	ug/l	98
46) Dibromomethane	7.586	93	47323	18.734	ug/l	99
47) Bromodichloromethane	7.824	83	83943	17.290	ug/l #	99
48) Methyl methacrylate	7.696	41	60144	17.651	ug/l #	92
49) 1,4-Dioxane	7.659	88	33734	370.069	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	430260	90.340	ug/l	96
52) Toluene	8.720	92	167898	18.370	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	83830	16.247	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	92752	16.740	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	69591	18.740	ug/l	98
56) Ethyl methacrylate	9.116	69	97367	18.088	ug/l #	92
57) 1,3-Dichloropropane	9.311	76	109133	18.208	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	228471	90.460	ug/l	92
59) 2-Hexanone	9.433	43	330474	89.578	ug/l	96
60) Dibromochloromethane	9.525	129	68523	16.926	ug/l	97
61) 1,2-Dibromoethane	9.610	107	74975	18.403	ug/l	100
64) Tetrachloroethene	9.275	164	68422	19.072	ug/l	97
65) Chlorobenzene	10.079	112	186080	19.002	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	67985	18.637	ug/l	98
67) Ethyl Benzene	10.195	91	320664	19.528	ug/l	95
68) m/p-Xylenes	10.305	106	262305	39.249	ug/l	95
69) o-Xylene	10.646	106	126370	18.966	ug/l	98
70) Styrene	10.659	104	208407	19.306	ug/l	99
71) Bromoform	10.805	173	49426	17.208	ug/l #	100
73) Isopropylbenzene	10.963	105	329145	19.675	ug/l	99
74) N-amyl acetate	10.848	43	109548	18.945	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	106612	19.638	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	95544m	19.946	ug/l	
77) Bromobenzene	11.201	156	84244	19.335	ug/l	92
78) n-propylbenzene	11.305	91	368074	19.841	ug/l	97
79) 2-Chlorotoluene	11.366	91	224384	19.455	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	282893	19.921	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23534	14.600	ug/l #	81
82) 4-Chlorotoluene	11.457	91	260572	19.614	ug/l	95
83) tert-Butylbenzene	11.719	119	284898	19.647	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	282799	20.033	ug/l	98
85) sec-Butylbenzene	11.890	105	347295	19.851	ug/l	97
86) p-Isopropyltoluene	12.012	119	300244	19.893	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	161090	19.677	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	165614	19.267	ug/l	99
89) n-Butylbenzene	12.335	91	233373	18.831	ug/l	98
90) Hexachloroethane	12.542	117	43962	17.415	ug/l	95
91) 1,2-Dichlorobenzene	12.335	146	162176	19.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21842	18.091	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	97485	20.154	ug/l	98
94) Hexachlorobutadiene	13.725	225	38996	18.067	ug/l	97
95) Naphthalene	13.780	128	337585	20.950	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	97021	20.434	ug/l	96

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

