

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050922\
 Data File : VX028579.D
 Acq On : 09 May 2022 19:01
 Operator : JC/MD
 Sample : VX0509MBS03
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0509MBS03

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/10/2022
 Supervised By : Mahesh Dadoda 05/10/2022

Quant Time: May 10 04:56:58 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	365511	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	559619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	508484	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	270739	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	214718	45.054	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.100%		
35) Dibromofluoromethane	5.391	113	199780	50.905	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	101.800%		
50) Toluene-d8	8.647	98	686756	45.561	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	91.120%		
62) 4-Bromofluorobenzene	11.079	95	260992	45.284	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	90.560%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	56197	23.818	ug/l	97
3) Chloromethane	1.288	50	53033	20.891	ug/l	98
4) Vinyl Chloride	1.374	62	64681	17.554	ug/l	100
5) Bromomethane	1.605	94	87504	22.084	ug/l	99
6) Chloroethane	1.685	64	46106	15.230	ug/l	99
7) Trichlorofluoromethane	1.886	101	125151	15.402	ug/l	97
8) Diethyl Ether	2.136	74	49841	18.449	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	71295	24.087	ug/l	96
10) Methyl Iodide	2.453	142	87776	24.649	ug/l	99
11) Tert butyl alcohol	2.959	59	97069	100.410	ug/l	98
12) 1,1-Dichloroethene	2.319	96	64102	22.820	ug/l	92
13) Acrolein	2.233	56	49567	84.864	ug/l	99
14) Allyl chloride	2.666	41	91690	19.453	ug/l	93
15) Acrylonitrile	3.062	53	209307	107.770	ug/l	100
16) Acetone	2.380	43	174586	119.207	ug/l	96
17) Carbon Disulfide	2.514	76	104373	13.798	ug/l	99
18) Methyl Acetate	2.703	43	93089	21.968	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	253045	21.602	ug/l	98
20) Methylene Chloride	2.788	84	76571	21.654	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	68637	17.967	ug/l	92
22) Diisopropyl ether	3.764	45	217287	20.240	ug/l	92
23) Vinyl Acetate	3.721	43	921161	98.214	ug/l	99
24) 1,1-Dichloroethane	3.611	63	128115	20.211	ug/l	98
25) 2-Butanone	4.556	43	282282	100.011	ug/l	99
26) 2,2-Dichloropropane	4.477	77	103607	16.740	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	89538	19.656	ug/l	92
28) Bromochloromethane	4.904	49	52187	19.189	ug/l	87
29) Tetrahydrofuran	5.007	42	174173	94.640	ug/l	99
30) Chloroform	5.099	83	146356	19.225	ug/l	97
31) Cyclohexane	5.471	56	93602	16.120	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	125664	18.229	ug/l	98
36) 1,1-Dichloropropene	5.696	75	96436	18.838	ug/l	98
37) Ethyl Acetate	4.715	43	106393	20.482	ug/l	100
38) Carbon Tetrachloride	5.678	117	103743	17.952	ug/l	97
39) Methylcyclohexane	7.379	83	101146	15.659	ug/l	97
40) Benzene	6.044	78	296589	19.792	ug/l	100

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41) Methacrylonitrile	4.922	41	57878	21.596	ug/l	97
42) 1,2-Dichloroethane	6.092	62	109294	19.648	ug/l	100
43) Isopropyl Acetate	6.342	43	171985	20.344	ug/l	98
44) Trichloroethene	7.129	130	87239	20.076	ug/l	97
45) 1,2-Dichloropropane	7.434	63	76232	20.783	ug/l	99
46) Dibromomethane	7.580	93	57382	19.943	ug/l	97
47) Bromodichloromethane	7.824	83	105323	19.045	ug/l	98
48) Methyl methacrylate	7.696	41	80277	20.683	ug/l	92
49) 1,4-Dioxane	7.665	88	44620	429.731	ug/l	93
51) 4-Methyl-2-Pentanone	8.574	43	565979	104.328	ug/l	97
52) Toluene	8.720	92	197722	18.992	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	105120	17.886	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	118818	18.826	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	90472	21.389	ug/l	98
56) Ethyl methacrylate	9.116	69	129025	21.043	ug/l #	94
57) 1,3-Dichloropropane	9.311	76	139418	20.421	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	286619	99.628	ug/l	93
59) 2-Hexanone	9.433	43	435887	103.726	ug/l	95
60) Dibromochloromethane	9.525	129	86731	18.808	ug/l	95
61) 1,2-Dibromoethane	9.610	107	90528	19.508	ug/l	98
64) Tetrachloroethene	9.275	164	83403	20.999	ug/l	98
65) Chlorobenzene	10.079	112	227709	21.004	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	86262	21.360	ug/l	97
67) Ethyl Benzene	10.195	91	387184	21.299	ug/l	96
68) m/p-Xylenes	10.305	106	303834	41.066	ug/l	98
69) o-Xylene	10.640	106	154410	20.932	ug/l	96
70) Styrene	10.659	104	255890	21.412	ug/l	99
71) Bromoform	10.799	173	62016	19.026	ug/l #	100
73) Isopropylbenzene	10.963	105	401063	21.552	ug/l	99
74) N-amyl acetate	10.842	43	144103	22.404	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	139180	23.048	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	121936m	22.885	ug/l	
77) Bromobenzene	11.201	156	103054	21.264	ug/l	92
78) n-propylbenzene	11.305	91	446211	21.624	ug/l	97
79) 2-Chlorotoluene	11.366	91	272228	21.220	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	335700	21.252	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	30137	16.808	ug/l #	80
82) 4-Chlorotoluene	11.457	91	311233	21.061	ug/l	96
83) tert-Butylbenzene	11.713	119	343073	21.269	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	339477	21.620	ug/l	98
85) sec-Butylbenzene	11.890	105	405916	20.859	ug/l	98
86) p-Isopropyltoluene	12.012	119	345128	20.558	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	200638	22.033	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	200786	20.999	ug/l	100
89) n-Butylbenzene	12.335	91	277862	20.157	ug/l	98
90) Hexachloroethane	12.542	117	49289	17.539	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	205024	22.664	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	28235	21.025	ug/l	88
93) 1,2,4-Trichlorobenzene	13.591	180	131910	24.516	ug/l	97
94) Hexachlorobutadiene	13.725	225	53784	22.401	ug/l	93
95) Naphthalene	13.774	128	465367	25.964	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	130232	24.659	ug/l	96

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

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