

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042222\
 Data File : VX028282.D
 Acq On : 22 Apr 2022 16:25
 Operator : JC/MD
 Sample : VX0422MBS02
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0422MBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/25/2022
 Supervised By : Mahesh Dadoda 04/25/2022

Quant Time: Apr 23 06:42:17 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	374061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	587757	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	539601	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	289317	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	220673	45.245	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.480%		
35) Dibromofluoromethane	5.391	113	199893	48.495	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.000%		
50) Toluene-d8	8.653	98	731625	46.214	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	92.420%		
62) 4-Bromofluorobenzene	11.085	95	271394	44.834	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	89.660%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	65439	27.101	ug/l	99
3) Chloromethane	1.294	50	56395	21.807	ug/l	99
4) Vinyl Chloride	1.374	62	67902	18.006	ug/l	98
5) Bromomethane	1.599	94	56889	10.460	ug/l	98
6) Chloroethane	1.685	64	48275	15.662	ug/l	99
7) Trichlorofluoromethane	1.886	101	125791	15.127	ug/l	94
8) Diethyl Ether	2.136	74	45643	16.159	ug/l	92
9) 1,1,2-Trichlorotrifluo...	2.331	101	66892	22.083	ug/l	98
10) Methyl Iodide	2.453	142	78879	22.282	ug/l	97
11) Tert butyl alcohol	2.959	59	90435	90.482	ug/l	97
12) 1,1-Dichloroethene	2.319	96	59703	20.768	ug/l	93
13) Acrolein	2.233	56	73765	123.406	ug/l	100
14) Allyl chloride	2.666	41	84070	17.428	ug/l	93
15) Acrylonitrile	3.062	53	184554	92.853	ug/l	99
16) Acetone	2.380	43	155018	103.241	ug/l	95
17) Carbon Disulfide	2.514	76	126526	16.344	ug/l	100
18) Methyl Acetate	2.703	43	79961	18.439	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	220766	18.416	ug/l	97
20) Methylene Chloride	2.788	84	70033	19.352	ug/l	97
21) trans-1,2-Dichloroethene	3.093	96	68670	17.565	ug/l	92
22) Diisopropyl ether	3.763	45	185514	16.885	ug/l #	88
23) Vinyl Acetate	3.721	43	818582	85.282	ug/l	98
24) 1,1-Dichloroethane	3.611	63	115515	17.807	ug/l	99
25) 2-Butanone	4.556	43	248338	85.974	ug/l	97
26) 2,2-Dichloropropane	4.477	77	98459	15.545	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	82714	17.743	ug/l	90
28) Bromochloromethane	4.897	49	49280	17.706	ug/l #	81
29) Tetrahydrofuran	5.007	42	156228	82.949	ug/l	98
30) Chloroform	5.099	83	129989	16.685	ug/l	100
31) Cyclohexane	5.477	56	97515	16.411	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	117530	16.660	ug/l	98
36) 1,1-Dichloropropene	5.702	75	90891	16.905	ug/l	97
37) Ethyl Acetate	4.721	43	95542	17.513	ug/l	99
38) Carbon Tetrachloride	5.678	117	100023	16.479	ug/l	97
39) Methylcyclohexane	7.385	83	112483	16.581	ug/l	96
40) Benzene	6.044	78	274053	17.413	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	47969	17.042	ug/l	98
42) 1,2-Dichloroethane	6.092	62	99191	16.978	ug/l	99
43) Isopropyl Acetate	6.342	43	147726	16.638	ug/l	97
44) Trichloroethene	7.129	130	83760	18.352	ug/l	96
45) 1,2-Dichloropropane	7.434	63	66816	17.344	ug/l	94
46) Dibromomethane	7.586	93	52961	17.525	ug/l	97
47) Bromodichloromethane	7.824	83	92647	15.951	ug/l	97
48) Methyl methacrylate	7.696	41	68255	16.744	ug/l #	93
49) 1,4-Dioxane	7.659	88	41358	379.246	ug/l	92
51) 4-Methyl-2-Pentanone	8.574	43	492601	86.455	ug/l	98
52) Toluene	8.720	92	185017	16.921	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	96324	15.605	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	106492	16.065	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	78117	17.584	ug/l	98
56) Ethyl methacrylate	9.116	69	110728	17.194	ug/l #	93
57) 1,3-Dichloropropane	9.311	76	124681	17.388	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	275155	91.065	ug/l	91
59) 2-Hexanone	9.433	43	381244	86.380	ug/l	94
60) Dibromochloromethane	9.525	129	77922	16.089	ug/l	95
61) 1,2-Dibromoethane	9.610	107	85218	17.485	ug/l	99
64) Tetrachloroethene	9.275	164	81438	19.322	ug/l	98
65) Chlorobenzene	10.079	112	211090	18.348	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	76932	17.951	ug/l	100
67) Ethyl Benzene	10.195	91	356025	18.455	ug/l	97
68) m/p-Xylenes	10.305	106	290597	37.012	ug/l	95
69) o-Xylene	10.646	106	143938	18.387	ug/l	96
70) Styrene	10.659	104	232782	18.355	ug/l	99
71) Bromoform	10.799	173	56438	16.826	ug/l #	100
73) Isopropylbenzene	10.963	105	374849	18.850	ug/l	99
74) N-amyl acetate	10.848	43	124798	18.157	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.213	83	120125	18.615	ug/l	98
76) 1,2,3-Trichloropropane	11.244	75	106745m	18.747	ug/l	
77) Bromobenzene	11.201	156	96455	18.624	ug/l	90
78) n-propylbenzene	11.305	91	410804	18.630	ug/l	95
79) 2-Chlorotoluene	11.366	91	249474	18.198	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	312033	18.485	ug/l	96
81) trans-1,4-Dichloro-2-b...	11.018	75	28122	14.677	ug/l #	87
82) 4-Chlorotoluene	11.457	91	283416	17.947	ug/l	95
83) tert-Butylbenzene	11.719	119	320165	18.575	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	316264	18.848	ug/l	98
85) sec-Butylbenzene	11.890	105	385152	18.521	ug/l	97
86) p-Isopropyltoluene	12.012	119	333498	18.590	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	183623	18.869	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	184354	18.043	ug/l	100
89) n-Butylbenzene	12.335	91	259298	17.602	ug/l	97
90) Hexachloroethane	12.542	117	47153	15.891	ug/l	97
91) 1,2-Dichlorobenzene	12.335	146	186466	19.289	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	25156	17.529	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	111683	19.424	ug/l	99
94) Hexachlorobutadiene	13.725	225	47100	18.358	ug/l	93
95) Naphthalene	13.780	128	401503	20.962	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	114205	20.236	ug/l	95

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

