

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028799.D
 Acq On : 18 May 2022 12:35
 Operator : JC/MD
 Sample : VX0518MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0518MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/19/2022
 Supervised By : Mahesh Dadoda 05/19/2022

Quant Time: May 19 01:32:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	199018	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	324855	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	360650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	175910	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	138681	50.835	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 101.660%			
35) Dibromofluoromethane	5.385	113	111657	52.460	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 104.920%			
50) Toluene-d8	8.647	98	411620	51.296	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.600%			
62) 4-Bromofluorobenzene	11.079	95	189200	63.126	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 126.260%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.167	85	48923	18.774	ug/l	98
3) Chloromethane	1.288	50	44783	18.248	ug/l	98
4) Vinyl Chloride	1.374	62	49678	18.783	ug/l	99
5) Bromomethane	1.605	94	36748	15.872	ug/l	98
6) Chloroethane	1.685	64	34534	19.381	ug/l	100
7) Trichlorofluoromethane	1.886	101	96643	22.919	ug/l	98
8) Diethyl Ether	2.130	74	34264	22.301	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.331	101	43535	19.620	ug/l	96
10) Methyl Iodide	2.453	142	48567	18.282	ug/l	92
11) Tert butyl alcohol	2.965	59	59935	98.693	ug/l	97
12) 1,1-Dichloroethene	2.319	96	39493	19.174	ug/l	97
13) Acrolein	2.233	56	46124	103.006	ug/l	98
14) Allyl chloride	2.666	41	62842	19.023	ug/l	90
15) Acrylonitrile	3.063	53	132087	100.492	ug/l	99
16) Acetone	2.380	43	116103	99.163	ug/l	93
17) Carbon Disulfide	2.514	76	95011	17.795	ug/l	98
18) Methyl Acetate	2.703	43	60318	20.569	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	147863	20.229	ug/l	98
20) Methylene Chloride	2.788	84	46007	18.730	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	43934	18.936	ug/l	98
22) Diisopropyl ether	3.764	45	139123	19.707	ug/l	92
23) Vinyl Acetate	3.721	43	614684	101.000	ug/l	96
24) 1,1-Dichloroethane	3.611	63	79677	19.414	ug/l	99
25) 2-Butanone	4.556	43	182855	99.496	ug/l	98
26) 2,2-Dichloropropane	4.477	77	60481	18.795	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	52733	19.461	ug/l	98
28) Bromochloromethane	4.898	49	32967	19.083	ug/l	94
29) Tetrahydrofuran	5.001	42	116762	97.741	ug/l	93
30) Chloroform	5.093	83	87160	19.623	ug/l	98
31) Cyclohexane	5.471	56	70425	18.598	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	74489	19.210	ug/l	98
36) 1,1-Dichloropropene	5.696	75	62423	19.527	ug/l	99
37) Ethyl Acetate	4.709	43	68600	20.545	ug/l	99
38) Carbon Tetrachloride	5.678	117	63824	19.838	ug/l	98
39) Methylcyclohexane	7.379	83	73551	20.062	ug/l	94
40) Benzene	6.038	78	183449	19.967	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	35874	20.038	ug/l	95
42) 1,2-Dichloroethane	6.086	62	70323	20.751	ug/l	99
43) Isopropyl Acetate	6.342	43	106959	20.476	ug/l	95
44) Trichloroethene	7.129	130	50004	20.068	ug/l	100
45) 1,2-Dichloropropane	7.434	63	46079	20.102	ug/l	97
46) Dibromomethane	7.586	93	35126	20.519	ug/l	94
47) Bromodichloromethane	7.824	83	64947	20.435	ug/l	98
48) Methyl methacrylate	7.696	41	51005	20.213	ug/l #	86
49) 1,4-Dioxane	7.665	88	26099	414.004	ug/l #	92
51) 4-Methyl-2-Pentanone	8.574	43	355527	103.326	ug/l	95
52) Toluene	8.720	92	117693	19.914	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	63917	18.538	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	70579	19.736	ug/l #	87
55) 1,1,2-Trichloroethane	9.153	97	49950	20.726	ug/l	99
56) Ethyl methacrylate	9.116	69	74063	20.294	ug/l #	82
57) 1,3-Dichloropropane	9.311	76	83601	20.567	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.245	63	189371	105.985	ug/l	100
59) 2-Hexanone	9.433	43	274023	102.505	ug/l	91
60) Dibromochloromethane	9.525	129	47521	20.218	ug/l	97
61) 1,2-Dibromoethane	9.610	107	51932	20.516	ug/l	99
64) Tetrachloroethene	9.275	164	46624	17.119	ug/l	97
65) Chlorobenzene	10.080	112	152982	19.995	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	57023	21.040	ug/l	98
67) Ethyl Benzene	10.195	91	274850	20.042	ug/l	99
68) m/p-Xylenes	10.305	106	212576	39.815	ug/l	95
69) o-Xylene	10.640	106	103357	19.662	ug/l	94
70) Styrene	10.659	104	171849	20.131	ug/l	96
71) Bromoform	10.799	173	39903	18.959	ug/l #	98
73) Isopropylbenzene	10.964	105	276908	20.758	ug/l	98
74) N-amyl acetate	10.848	43	101889	19.430	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	92373	20.184	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	84888m	20.606	ug/l	
77) Bromobenzene	11.201	156	65337	20.700	ug/l	95
78) n-propylbenzene	11.305	91	312974	20.282	ug/l	100
79) 2-Chlorotoluene	11.366	91	191502	20.248	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	230978	20.780	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	22037	18.593	ug/l #	73
82) 4-Chlorotoluene	11.457	91	218534	19.987	ug/l	98
83) tert-Butylbenzene	11.713	119	221406	20.572	ug/l	93
84) 1,2,4-Trimethylbenzene	11.750	105	227658	20.424	ug/l	98
85) sec-Butylbenzene	11.890	105	272921	20.558	ug/l	99
86) p-Isopropyltoluene	12.012	119	233163	20.931	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	121448	19.616	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	124140	19.331	ug/l	97
89) n-Butylbenzene	12.335	91	190564	19.744	ug/l	98
90) Hexachloroethane	12.543	117	34060	18.907	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	121751	20.018	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	17156	17.556	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	62663	17.839	ug/l	98
94) Hexachlorobutadiene	13.725	225	25119	17.602	ug/l	96
95) Naphthalene	13.780	128	229725	18.378	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	63099	17.885	ug/l	96

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

