

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042822\
 Data File : VX028396.D
 Acq On : 28 Apr 2022 12:58
 Operator : JC/MD
 Sample : VX0428MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0428MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/29/2022
 Supervised By : Mahesh Dadoda 04/29/2022

Quant Time: Apr 29 04:07:59 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	326719	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	521250	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	494824	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	258462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	203794	47.839	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.680%		
35) Dibromofluoromethane	5.385	113	181232	49.578	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.160%		
50) Toluene-d8	8.653	98	666448	47.468	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	94.940%		
62) 4-Bromofluorobenzene	11.079	95	247413	46.088	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	92.180%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	54618	25.897	ug/l	98
3) Chloromethane	1.294	50	51802	23.064	ug/l	98
4) Vinyl Chloride	1.374	62	62328	18.923	ug/l	99
5) Bromomethane	1.599	94	87066	25.690	ug/l	100
6) Chloroethane	1.685	64	44471	16.707	ug/l	94
7) Trichlorofluoromethane	1.886	101	118774	16.353	ug/l	97
8) Diethyl Ether	2.136	74	43277	17.826	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	61092	23.091	ug/l	98
10) Methyl Iodide	2.453	142	69958	22.545	ug/l	96
11) Tert butyl alcohol	2.959	59	88158	102.186	ug/l #	94
12) 1,1-Dichloroethene	2.319	96	55160	21.968	ug/l	96
13) Acrolein	2.233	56	54487	104.363	ug/l	95
14) Allyl chloride	2.666	41	77164	18.315	ug/l	92
15) Acrylonitrile	3.062	53	170578	98.257	ug/l	98
16) Acetone	2.380	43	143308	109.354	ug/l	95
17) Carbon Disulfide	2.514	76	106323	15.724	ug/l	98
18) Methyl Acetate	2.703	43	75087	19.824	ug/l	100
19) Methyl tert-butyl Ether	3.117	73	204250	19.507	ug/l	96
20) Methylene Chloride	2.788	84	66393	21.005	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	62549	18.317	ug/l	92
22) Diisopropyl ether	3.764	45	178786	18.631	ug/l #	88
23) Vinyl Acetate	3.721	43	772939	92.195	ug/l	100
24) 1,1-Dichloroethane	3.611	63	110268	19.461	ug/l	99
25) 2-Butanone	4.556	43	230145	91.220	ug/l	96
26) 2,2-Dichloropropane	4.477	77	91419	16.525	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	78120	19.186	ug/l	93
28) Bromochloromethane	4.904	49	52310	21.518	ug/l	90
29) Tetrahydrofuran	5.007	42	146409	88.999	ug/l	100
30) Chloroform	5.099	83	127031	18.668	ug/l	97
31) Cyclohexane	5.471	56	89386	17.222	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	108340	17.582	ug/l	99
36) 1,1-Dichloropropene	5.696	75	86073	18.051	ug/l	98
37) Ethyl Acetate	4.715	43	87786	18.144	ug/l	100
38) Carbon Tetrachloride	5.684	117	94227	17.505	ug/l	98
39) Methylcyclohexane	7.385	83	99394	16.521	ug/l	96
40) Benzene	6.044	78	264088	18.921	ug/l	99

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41) Methacrylonitrile	4.922	41	47943	19.206	ug/l	97
42) 1,2-Dichloroethane	6.092	62	95044	18.344	ug/l	100
43) Isopropyl Acetate	6.342	43	136378	17.319	ug/l	98
44) Trichloroethene	7.129	130	77287	19.095	ug/l	98
45) 1,2-Dichloropropane	7.434	63	64385	18.845	ug/l	100
46) Dibromomethane	7.580	93	50008	18.659	ug/l	97
47) Bromodichloromethane	7.824	83	91621	17.787	ug/l	98
48) Methyl methacrylate	7.696	41	66496	18.393	ug/l	91
49) 1,4-Dioxane	7.659	88	37532	388.074	ug/l	94
51) 4-Methyl-2-Pentanone	8.574	43	467678	92.554	ug/l	97
52) Toluene	8.720	92	180486	18.613	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	91621	16.736	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	102179	17.382	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	75961	19.280	ug/l	98
56) Ethyl methacrylate	9.116	69	105388	18.453	ug/l #	91
57) 1,3-Dichloropropane	9.311	76	121036	19.033	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	255618	95.393	ug/l	94
59) 2-Hexanone	9.433	43	361656	92.397	ug/l	96
60) Dibromochloromethane	9.525	129	73926	17.211	ug/l	96
61) 1,2-Dibromoethane	9.610	107	81576	18.873	ug/l	100
64) Tetrachloroethene	9.275	164	74596	19.300	ug/l	97
65) Chlorobenzene	10.079	112	201770	19.125	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	73710	18.755	ug/l	97
67) Ethyl Benzene	10.195	91	343104	19.395	ug/l	98
68) m/p-Xylenes	10.305	106	275196	38.222	ug/l	96
69) o-Xylene	10.640	106	136019	18.948	ug/l	97
70) Styrene	10.659	104	225114	19.357	ug/l	99
71) Bromoform	10.799	173	53724	17.330	ug/l #	100
73) Isopropylbenzene	10.963	105	353518	19.900	ug/l	100
74) N-amyl acetate	10.848	43	117558	19.146	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.213	83	118867	20.619	ug/l	98
76) 1,2,3-Trichloropropane	11.238	75	103641m	20.375	ug/l	
77) Bromobenzene	11.201	156	91453	19.766	ug/l	90
78) n-propylbenzene	11.305	91	390470	19.822	ug/l	97
79) 2-Chlorotoluene	11.366	91	242806	19.826	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	297258	19.712	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	27237	15.912	ug/l #	85
82) 4-Chlorotoluene	11.457	91	275436	19.524	ug/l	96
83) tert-Butylbenzene	11.713	119	299111	19.425	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	294687	19.659	ug/l	98
85) sec-Butylbenzene	11.890	105	354632	19.089	ug/l	98
86) p-Isopropyltoluene	12.012	119	304828	19.020	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	172825	19.880	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	173389	18.995	ug/l	99
89) n-Butylbenzene	12.335	91	240324	18.262	ug/l	98
90) Hexachloroethane	12.542	117	45059	16.872	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	174304	20.183	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	23693	18.480	ug/l	95
93) 1,2,4-Trichlorobenzene	13.591	180	100639	19.593	ug/l	99
94) Hexachlorobutadiene	13.725	225	43125	18.815	ug/l	94
95) Naphthalene	13.780	128	352364	20.593	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	100350	19.903	ug/l	97

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

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