

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092122\
 Data File : VX031513.D
 Acq On : 21 Sep 2022 10:28
 Operator : JC/MD
 Sample : VX0921MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0921MBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

09/22/2022
 Supervised By :Mahesh
 Dadoda

Quant Time: Sep 22 01:11:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	50015	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	74619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	83356	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	60010	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	46230	50.314	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 100.620%	
35) Dibromofluoromethane	5.391	113	39913	51.776	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.560%	
50) Toluene-d8	8.647	98	148872	50.076	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 100.160%	
62) 4-Bromofluorobenzene	11.079	95	50041	49.693	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 99.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	15763	21.921	ug/l	91
3) Chloromethane	1.294	50	19253	20.182	ug/l	96
4) Vinyl Chloride	1.374	62	23393	21.505	ug/l	96
5) Bromomethane	1.617	94	27372	17.672	ug/l	97
6) Chloroethane	1.691	64	26782	27.063	ug/l	93
7) Trichlorofluoromethane	1.886	101	46729	18.938	ug/l	99
8) Diethyl Ether	2.136	74	15818	18.613	ug/l	88
9) 1,1,2-Trichlorotrifluo...	2.331	101	16353	20.306	ug/l	92
10) Methyl Iodide	2.453	142	14569	18.698	ug/l	99
11) Tert butyl alcohol	3.001	59	22097m	94.125	ug/l	
12) 1,1-Dichloroethene	2.319	96	15244	19.581	ug/l	88
13) Acrolein	2.239	56	10866	102.281	ug/l	99
14) Allyl chloride	2.666	41	23196	18.271	ug/l	94
15) Acrylonitrile	3.068	53	45240	93.725	ug/l	99
16) Acetone	2.392	43	39414	100.479	ug/l	98
17) Carbon Disulfide	2.514	76	36820	17.553	ug/l	97
18) Methyl Acetate	2.709	43	25190	18.378	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	52060	18.490	ug/l	97
20) Methylene Chloride	2.788	84	17212	19.583	ug/l	94
21) trans-1,2-Dichloroethene	3.093	96	16594	18.876	ug/l	92
22) Diisopropyl ether	3.757	45	51984	18.909	ug/l #	73
23) Vinyl Acetate	3.727	43	221087	94.035	ug/l	99
24) 1,1-Dichloroethane	3.611	63	28901	18.602	ug/l	99
25) 2-Butanone	4.568	43	65159	92.014	ug/l	99
26) 2,2-Dichloropropane	4.483	77	24850	18.107	ug/l	97
27) cis-1,2-Dichloroethene	4.489	96	19630	18.527	ug/l	90
28) Bromochloromethane	4.897	49	11611	18.708	ug/l	98
29) Tetrahydrofuran	5.013	42	42689	92.438	ug/l	98
30) Chloroform	5.092	83	31853	18.694	ug/l	98
31) Cyclohexane	5.470	56	25779	18.949	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	28242	18.248	ug/l	99
36) 1,1-Dichloropropene	5.696	75	23534	19.842	ug/l	97
37) Ethyl Acetate	4.721	43	26860	18.983	ug/l	99
38) Carbon Tetrachloride	5.678	117	24814	18.874	ug/l	96
39) Methylcyclohexane	7.379	83	28963	19.846	ug/l	94
40) Benzene	6.037	78	69391	19.610	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	12563	17.832	ug/l	92
42) 1,2-Dichloroethane	6.086	62	25403	19.477	ug/l	98
43) Isopropyl Acetate	6.342	43	41840	19.239	ug/l	98
44) Trichloroethene	7.129	130	19688	19.623	ug/l	90
45) 1,2-Dichloropropane	7.433	63	17069	19.190	ug/l	98
46) Dibromomethane	7.586	93	13119	19.161	ug/l	93
47) Bromodichloromethane	7.824	83	23704	18.414	ug/l	93
48) Methyl methacrylate	7.696	41	18864	18.986	ug/l	93
49) 1,4-Dioxane	7.708	88	9832	433.317	ug/l	91
51) 4-Methyl-2-Pentanone	8.574	43	134972	96.491	ug/l	100
52) Toluene	8.720	92	45645	19.779	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	25087	18.833	ug/l	96
54) cis-1,3-Dichloropropene	8.366	75	27049	18.566	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	18513	19.469	ug/l	97
56) Ethyl methacrylate	9.116	69	26356	19.487	ug/l	94
57) 1,3-Dichloropropane	9.311	76	31185	19.984	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	50452	90.126	ug/l	96
59) 2-Hexanone	9.433	43	103220	98.254	ug/l	100
60) Dibromochloromethane	9.518	129	18427	18.248	ug/l	97
61) 1,2-Dibromoethane	9.610	107	19571	19.104	ug/l	95
64) Tetrachloroethene	9.275	164	19168	19.145	ug/l	95
65) Chlorobenzene	10.079	112	50048	19.470	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.165	131	17986	19.393	ug/l	96
67) Ethyl Benzene	10.195	91	88650	19.533	ug/l	99
68) m/p-Xylenes	10.299	106	69953	38.353	ug/l	98
69) o-Xylene	10.640	106	34370	19.743	ug/l	95
70) Styrene	10.659	104	55316	19.299	ug/l	97
71) Bromoform	10.799	173	13224	17.821	ug/l #	95
73) Isopropylbenzene	10.963	105	90344	20.160	ug/l	99
74) N-amyl acetate	10.847	43	35638	19.621	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	29864	22.423	ug/l	97
76) 1,2,3-Trichloropropane	11.238	75	24940m	18.621	ug/l	
77) Bromobenzene	11.201	156	21740	19.684	ug/l	93
78) n-propylbenzene	11.305	91	103778	20.129	ug/l	100
79) 2-Chlorotoluene	11.366	91	60626	19.756	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	75422	19.832	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	7649	18.388	ug/l	93
82) 4-Chlorotoluene	11.451	91	68448	19.006	ug/l	98
83) tert-Butylbenzene	11.713	119	73086	19.828	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	75402	20.132	ug/l	97
85) sec-Butylbenzene	11.890	105	94577	20.275	ug/l	99
86) p-Isopropyltoluene	12.012	119	78940	20.040	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	41927	19.805	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	42687	19.332	ug/l	98
89) n-Butylbenzene	12.335	91	66090	19.697	ug/l	99
90) Hexachloroethane	12.542	117	12468	18.421	ug/l	98
91) 1,2-Dichlorobenzene	12.335	146	41550	19.490	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	5873	19.073	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	24856	21.160	ug/l	98
94) Hexachlorobutadiene	13.725	225	9538	20.780	ug/l	98
95) Naphthalene	13.774	128	89923	20.903	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	25484	21.049	ug/l	97

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

