

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX110822\
 Data File : VX032659.D
 Acq On : 08 Nov 2022 17:13
 Operator : JC/MD
 Sample : VX1108MBS01
 Misc : 5.00g/10ml/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1108MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 11/09/2022
 Supervised By : Mahesh Dadoda 11/09/2022

Quant Time: Nov 09 04:40:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 27 08:28:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	5.556	168	102240	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	160474	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	143587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	74634	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	71120	50.063	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 100.120%			
35) Dibromofluoromethane	5.385	113	56778	49.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 99.200%			
50) Toluene-d8	8.647	98	194111	48.768	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 97.540%			
62) 4-Bromofluorobenzene	11.079	95	75265	48.408	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 96.820%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	22005	18.661	ug/l	95
3) Chloromethane	1.294	50	18618	18.670	ug/l	97
4) Vinyl Chloride	1.374	62	20198	18.403	ug/l	98
5) Bromomethane	1.611	94	19325	22.033	ug/l	98
6) Chloroethane	1.685	64	13728	18.645	ug/l	100
7) Trichlorofluoromethane	1.886	101	39815	19.146	ug/l	98
8) Diethyl Ether	2.136	74	13338	19.792	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	21352	19.454	ug/l	99
10) Methyl Iodide	2.453	142	19189	17.032	ug/l	100
11) Tert butyl alcohol	2.971	59	17797	86.073	ug/l	99
12) 1,1-Dichloroethene	2.319	96	19213	18.738	ug/l	93
13) Acrolein	2.239	56	15690	76.011	ug/l	97
14) Allyl chloride	2.660	41	29378	17.974	ug/l	98
15) Acrylonitrile	3.062	53	52320	93.237	ug/l	99
16) Acetone	2.386	43	47500	91.997	ug/l	99
17) Carbon Disulfide	2.514	76	34015	13.928	ug/l	99
18) Methyl Acetate	2.703	43	34509	20.553	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	69213	19.206	ug/l	95
20) Methylene Chloride	2.788	84	22743	19.211	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	20315	18.202	ug/l	97
22) Diisopropyl ether	3.764	45	68866	19.479	ug/l	95
23) Vinyl Acetate	3.721	43	264447	92.585	ug/l	100
24) 1,1-Dichloroethane	3.611	63	38951	19.155	ug/l	99
25) 2-Butanone	4.562	43	72458	90.581	ug/l	100
26) 2,2-Dichloropropane	4.477	77	27494	17.009	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	24757	19.191	ug/l	98
28) Bromochloromethane	4.897	49	14294	19.734	ug/l	96
29) Tetrahydrofuran	5.007	42	46755	91.661	ug/l	98
30) Chloroform	5.099	83	44634	20.003	ug/l	99
31) Cyclohexane	5.471	56	31559	18.322	ug/l	93
32) 1,1,1-Trichloroethane	5.391	97	38158	19.057	ug/l	98
36) 1,1-Dichloropropene	5.696	75	30570	19.178	ug/l	99
37) Ethyl Acetate	4.715	43	29888	18.013	ug/l	98
38) Carbon Tetrachloride	5.684	117	31585	17.865	ug/l	99
39) Methylcyclohexane	7.385	83	33820	17.932	ug/l	94
40) Benzene	6.037	78	87487	19.395	ug/l	98

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41) Methacrylonitrile	4.922	41	16112	19.062	ug/l	98
42) 1,2-Dichloroethane	6.086	62	36307	19.690	ug/l	98
43) Isopropyl Acetate	6.342	43	47586	18.679	ug/l	99
44) Trichloroethene	7.129	130	23949	18.860	ug/l	96
45) 1,2-Dichloropropane	7.434	63	23057	19.912	ug/l	99
46) Dibromomethane	7.586	93	16860	18.986	ug/l	98
47) Bromodichloromethane	7.824	83	30843	18.326	ug/l	97
48) Methyl methacrylate	7.696	41	24785	18.837	ug/l	98
49) 1,4-Dioxane	7.677	88	8721	347.803	ug/l	95
51) 4-Methyl-2-Pentanone	8.574	43	153857	95.881	ug/l	99
52) Toluene	8.720	92	56948	19.350	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	29771	17.337	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	32854	17.887	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	24476	19.748	ug/l	98
56) Ethyl methacrylate	9.116	69	34324	19.244	ug/l	98
57) 1,3-Dichloropropane	9.311	76	39144	19.557	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	72904	84.888	ug/l	99
59) 2-Hexanone	9.433	43	112309	94.324	ug/l	99
60) Dibromochloromethane	9.525	129	23239	17.166	ug/l	100
61) 1,2-Dibromoethane	9.610	107	24807	18.890	ug/l	98
64) Tetrachloroethene	9.275	164	20663	19.661	ug/l	97
65) Chlorobenzene	10.079	112	62282	19.364	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	22659	18.718	ug/l	99
67) Ethyl Benzene	10.195	91	112291	19.523	ug/l	99
68) m/p-Xylenes	10.299	106	85723	38.382	ug/l	99
69) o-Xylene	10.640	106	42162	19.416	ug/l	100
70) Styrene	10.659	104	69348	19.216	ug/l	99
71) Bromoform	10.799	173	15531	16.227	ug/l #	98
73) Isopropylbenzene	10.963	105	114495	19.360	ug/l	100
74) N-amyl acetate	10.842	43	42593	19.061	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	35499	18.700	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	31696m	19.089	ug/l	
77) Bromobenzene	11.195	156	27908	19.248	ug/l	99
78) n-propylbenzene	11.305	91	127881	18.768	ug/l	100
79) 2-Chlorotoluene	11.366	91	78116	19.143	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	96917	19.174	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	7556	14.480	ug/l	86
82) 4-Chlorotoluene	11.457	91	91616	19.187	ug/l	100
83) tert-Butylbenzene	11.713	119	95230	18.871	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	97359	19.366	ug/l	99
85) sec-Butylbenzene	11.890	105	114248	18.815	ug/l	99
86) p-Isopropyltoluene	12.012	119	96451	18.720	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	51478	18.822	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	52591	18.535	ug/l	99
89) n-Butylbenzene	12.335	91	81577	18.199	ug/l	99
90) Hexachloroethane	12.536	117	14096	16.749	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	52925	19.625	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	6908	16.597	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	31932	18.160	ug/l	98
94) Hexachlorobutadiene	13.725	225	13358	18.189	ug/l	97
95) Naphthalene	13.774	128	108873	18.582	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	32848	18.377	ug/l	99

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

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