

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080122\
 Data File : VX030315.D
 Acq On : 01 Aug 2022 12:08
 Operator : JC/MD
 Sample : VX0801MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0801MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/02/2022
 Supervised By : Mahesh Dadoda 08/02/2022

Quant Time: Aug 02 01:49:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X072522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 25 16:49:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	134165	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	233350	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	241842	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144107	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	151211	56.074	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 112.140%			
35) Dibromofluoromethane	5.391	113	121308	54.381	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 108.760%			
50) Toluene-d8	8.653	98	447995	51.859	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.720%			
62) 4-Bromofluorobenzene	11.085	95	169346	52.821	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.640%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	44713	20.310	ug/l	96
3) Chloromethane	1.288	50	37377	17.169	ug/l	98
4) Vinyl Chloride	1.374	62	41305	18.798	ug/l	94
5) Bromomethane	1.605	94	13250	12.922	ug/l	100
6) Chloroethane	1.685	64	25685	20.358	ug/l	93
7) Trichlorofluoromethane	1.886	101	59711	20.626	ug/l	97
8) Diethyl Ether	2.136	74	23649	20.861	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	43444	20.261	ug/l	98
10) Methyl Iodide	2.453	142	17705	9.739	ug/l	95
11) Tert butyl alcohol	2.971	59	81751	124.282	ug/l	100
12) 1,1-Dichloroethene	2.319	96	43742	20.871	ug/l	95
13) Acrolein	2.239	56	9086	56.199	ug/l	99
14) Allyl chloride	2.666	41	90813	20.998	ug/l	97
15) Acrylonitrile	3.069	53	174561	107.387	ug/l	99
16) Acetone	2.386	43	148163	107.317	ug/l	97
17) Carbon Disulfide	2.514	76	99984	17.673	ug/l	98
18) Methyl Acetate	2.709	43	88980	21.790	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	156171	21.753	ug/l	99
20) Methylene Chloride	2.794	84	52186	20.560	ug/l	99
21) trans-1,2-Dichloroethene	3.099	96	46310	20.019	ug/l	97
22) Diisopropyl ether	3.764	45	181131	22.135	ug/l	94
23) Vinyl Acetate	3.727	43	775252	109.217	ug/l	98
24) 1,1-Dichloroethane	3.611	63	91939	21.144	ug/l	99
25) 2-Butanone	4.562	43	251053	108.212	ug/l	97
26) 2,2-Dichloropropane	4.483	77	67258	21.391	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	55389	20.361	ug/l	91
28) Bromochloromethane	4.904	49	39376	21.435	ug/l	95
29) Tetrahydrofuran	5.013	42	165523	106.037	ug/l	94
30) Chloroform	5.099	83	92123	21.398	ug/l	99
31) Cyclohexane	5.471	56	76972	19.659	ug/l	91
32) 1,1,1-Trichloroethane	5.385	97	74970	21.423	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65408	20.375	ug/l	97
37) Ethyl Acetate	4.721	43	90325	19.869	ug/l	99
38) Carbon Tetrachloride	5.678	117	61057	20.373	ug/l	96
39) Methylcyclohexane	7.379	83	75804	18.294	ug/l	97
40) Benzene	6.044	78	204108	20.208	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	51098	20.969	ug/l	96
42) 1,2-Dichloroethane	6.086	62	72916	20.892	ug/l	95
43) Isopropyl Acetate	6.342	43	141445	21.224	ug/l	97
44) Trichloroethene	7.129	130	52587	19.054	ug/l	88
45) 1,2-Dichloropropane	7.434	63	56467	20.961	ug/l	99
46) Dibromomethane	7.586	93	36565	19.959	ug/l	98
47) Bromodichloromethane	7.824	83	69198	20.778	ug/l	99
48) Methyl methacrylate	7.696	41	69567	21.208	ug/l	92
49) 1,4-Dioxane	7.671	88	30482	402.342	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	485956	107.410	ug/l	96
52) Toluene	8.720	92	124040	20.129	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	73734	20.539	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	80099	20.474	ug/l	93
55) 1,1,2-Trichloroethane	9.153	97	54213	20.662	ug/l	98
56) Ethyl methacrylate	9.116	69	86807	20.929	ug/l	94
57) 1,3-Dichloropropane	9.311	76	90779	20.961	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.244	63	244950	118.995	ug/l	95
59) 2-Hexanone	9.433	43	371646	104.119	ug/l	96
60) Dibromochloromethane	9.525	129	50964	20.983	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55410	20.225	ug/l	97
64) Tetrachloroethene	9.275	164	47883	18.391	ug/l	94
65) Chlorobenzene	10.079	112	128421	19.548	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	48029	21.507	ug/l	99
67) Ethyl Benzene	10.195	91	238685	23.752	ug/l	97
68) m/p-Xylenes	10.305	106	178515	40.113	ug/l	94
69) o-Xylene	10.646	106	88751	20.234	ug/l	92
70) Styrene	10.659	104	150239	20.848	ug/l	97
71) Bromoform	10.799	173	34033	20.729	ug/l #	96
73) Isopropylbenzene	10.963	105	232373	20.655	ug/l	100
74) N-amyl acetate	10.842	43	117823	21.549	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	85558	20.778	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	79071m	20.816	ug/l	
77) Bromobenzene	11.201	156	55087	20.862	ug/l	96
78) n-propylbenzene	11.305	91	276828	20.617	ug/l	98
79) 2-Chlorotoluene	11.366	91	165044	19.465	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	193934	20.587	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25680	20.281	ug/l	94
82) 4-Chlorotoluene	11.457	91	187144	20.201	ug/l	96
83) tert-Butylbenzene	11.719	119	185369	21.231	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	196449	20.903	ug/l	97
85) sec-Butylbenzene	11.890	105	244737	20.479	ug/l	99
86) p-Isopropyltoluene	12.012	119	197310	20.637	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	101446	19.755	ug/l	100
88) 1,4-Dichlorobenzene	12.043	146	100998	19.320	ug/l	98
89) n-Butylbenzene	12.335	91	184063	20.678	ug/l	99
90) Hexachloroethane	12.542	117	32689	19.857	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	102215	20.279	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	20258	20.512	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	60445	20.679	ug/l	99
94) Hexachlorobutadiene	13.725	225	23913	20.374	ug/l	97
95) Naphthalene	13.774	128	251323	22.012	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	62056	20.701	ug/l	98

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

