

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080222\
 Data File : VX030343.D
 Acq On : 02 Aug 2022 11:16
 Operator : JC/MD
 Sample : VX0802MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0802MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 08/03/2022
 Supervised By : Mahesh Dadoda 08/03/2022

Quant Time: Aug 02 15:48:29 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	152886	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	263004	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	269358	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	163033	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	163722	53.279	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.560%			
35) Dibromofluoromethane	5.391	113	134766	53.602	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 107.200%			
50) Toluene-d8	8.653	98	494387	50.776	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.560%			
62) 4-Bromofluorobenzene	11.079	95	186381	51.579	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 103.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	43328	17.271	ug/l	95
3) Chloromethane	1.288	50	35892	14.468	ug/l	97
4) Vinyl Chloride	1.374	62	39048	15.595	ug/l	98
5) Bromomethane	1.605	94	19319	18.353	ug/l	95
6) Chloroethane	1.685	64	23780	16.540	ug/l	95
7) Trichlorofluoromethane	1.886	101	56202	17.037	ug/l	96
8) Diethyl Ether	2.136	74	22200	17.185	ug/l	91
9) 1,1,2-Trichlorotrifluo...	2.331	101	41620	17.034	ug/l	99
10) Methyl Iodide	2.453	142	18757	9.162	ug/l	98
11) Tert butyl alcohol	2.977	59	74267	99.079	ug/l	99
12) 1,1-Dichloroethene	2.319	96	40104	16.792	ug/l	90
13) Acrolein	2.239	56	6655	36.122	ug/l	91
14) Allyl chloride	2.666	41	85884	17.426	ug/l	97
15) Acrylonitrile	3.068	53	164523	88.819	ug/l	99
16) Acetone	2.386	43	141544	89.969	ug/l	94
17) Carbon Disulfide	2.514	76	91561	14.202	ug/l	99
18) Methyl Acetate	2.709	43	86891	18.673	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	148773	18.185	ug/l	98
20) Methylene Chloride	2.788	84	49985	16.855	ug/l	90
21) trans-1,2-Dichloroethene	3.093	96	42462	16.108	ug/l	94
22) Diisopropyl ether	3.770	45	169438	18.171	ug/l #	86
23) Vinyl Acetate	3.727	43	734713	90.831	ug/l	95
24) 1,1-Dichloroethane	3.611	63	86566	17.471	ug/l	98
25) 2-Butanone	4.562	43	239997	90.779	ug/l	94
26) 2,2-Dichloropropane	4.483	77	63488	17.720	ug/l	96
27) cis-1,2-Dichloroethene	4.495	96	53130	17.139	ug/l	91
28) Bromochloromethane	4.904	49	47081	22.491	ug/l	94
29) Tetrahydrofuran	5.013	42	157198	88.373	ug/l	93
30) Chloroform	5.099	83	88442	18.027	ug/l	96
31) Cyclohexane	5.477	56	73604	16.497	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	69917	17.533	ug/l	98
36) 1,1-Dichloropropene	5.696	75	61511	17.000	ug/l	97
37) Ethyl Acetate	4.721	43	90380	17.639	ug/l	97
38) Carbon Tetrachloride	5.684	117	56876	16.838	ug/l	94
39) Methylcyclohexane	7.385	83	72871	15.603	ug/l	95
40) Benzene	6.044	78	193059	16.959	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	49529	18.033	ug/l	96
42) 1,2-Dichloroethane	6.092	62	68021	17.292	ug/l	97
43) Isopropyl Acetate	6.348	43	134139	17.859	ug/l	97
44) Trichloroethene	7.129	130	48887	15.716	ug/l	91
45) 1,2-Dichloropropane	7.434	63	53320	17.561	ug/l	98
46) Dibromomethane	7.586	93	34637	16.775	ug/l	97
47) Bromodichloromethane	7.824	83	66764	17.787	ug/l	89
48) Methyl methacrylate	7.696	41	66363	17.950	ug/l	93
49) 1,4-Dioxane	7.677	88	27784	325.381	ug/l	91
51) 4-Methyl-2-Pentanone	8.580	43	460537	90.314	ug/l	97
52) Toluene	8.720	92	116977	16.842	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	69504	17.178	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	77618	17.603	ug/l	95
55) 1,1,2-Trichloroethane	9.153	97	50997	17.245	ug/l	97
56) Ethyl methacrylate	9.116	69	83368	17.834	ug/l	94
57) 1,3-Dichloropropane	9.311	76	84237	17.257	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	270846	116.740	ug/l	97
59) 2-Hexanone	9.433	43	354353	88.081	ug/l	95
60) Dibromochloromethane	9.525	129	48120	17.578	ug/l	100
61) 1,2-Dibromoethane	9.610	107	51580	16.704	ug/l	99
64) Tetrachloroethene	9.275	164	46675	16.096	ug/l	98
65) Chlorobenzene	10.079	112	122250	16.708	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	43401	17.449	ug/l	98
67) Ethyl Benzene	10.195	91	223780	20.378	ug/l	97
68) m/p-Xylenes	10.305	106	168232	33.941	ug/l	91
69) o-Xylene	10.646	106	82737	16.936	ug/l	91
70) Styrene	10.659	104	141931	17.684	ug/l	97
71) Bromoform	10.805	173	32380	17.707	ug/l #	99
73) Isopropylbenzene	10.963	105	219545	17.250	ug/l	99
74) N-amyl acetate	10.848	43	109863	17.761	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	81162	17.422	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	76497m	17.800	ug/l	
77) Bromobenzene	11.201	156	49777	16.663	ug/l	92
78) n-propylbenzene	11.305	91	261564	17.219	ug/l	99
79) 2-Chlorotoluene	11.366	91	158623	16.536	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	183843	17.251	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	23691	16.538	ug/l	91
82) 4-Chlorotoluene	11.457	91	177194	16.906	ug/l	98
83) tert-Butylbenzene	11.719	119	173618	17.576	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	187416	17.627	ug/l	97
85) sec-Butylbenzene	11.890	105	237722	17.583	ug/l	98
86) p-Isopropyltoluene	12.012	119	187568	17.341	ug/l	97
87) 1,3-Dichlorobenzene	11.969	146	97243	16.738	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	98920	16.726	ug/l	97
89) n-Butylbenzene	12.335	91	178750	17.750	ug/l	99
90) Hexachloroethane	12.542	117	32118	17.246	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	98293	17.237	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	21245	19.015	ug/l	83
93) 1,2,4-Trichlorobenzene	13.591	180	58625	17.728	ug/l	97
94) Hexachlorobutadiene	13.725	225	22629	17.042	ug/l	97
95) Naphthalene	13.780	128	234221	18.133	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	61612	18.167	ug/l	99

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

