

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029717.D
 Acq On : 23 Jun 2022 03:25
 Operator : JC/MD
 Sample : VX0622MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0622MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/23/2022
 Supervised By : Mahesh Dadoda 06/23/2022

Quant Time: Jun 23 04:14:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061822W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 20 01:31:01 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.555	168	230214	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	398187	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	168668	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	136387	44.755	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	89.520%		
35) Dibromofluoromethane	5.391	113	126275	48.662	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.320%		
50) Toluene-d8	8.652	98	463313	48.874	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.740%		
62) 4-Bromofluorobenzene	11.079	95	173934	48.654	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	97.300%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	53977	19.361	ug/l	97
3) Chloromethane	1.294	50	50938	16.960	ug/l	98
4) Vinyl Chloride	1.373	62	51734	18.709	ug/l	98
5) Bromomethane	1.617	94	28283	20.047	ug/l	98
6) Chloroethane	1.690	64	26189	13.816	ug/l	94
7) Trichlorofluoromethane	1.891	101	72359	18.782	ug/l	97
8) Diethyl Ether	2.135	74	29580	19.489	ug/l	97
9) 1,1,2-Trichlorotrifluo...	2.330	101	47577	19.695	ug/l	98
10) Methyl Iodide	2.452	142	41591	17.209	ug/l	100
11) Tert butyl alcohol	3.001	59	68725	97.855	ug/l #	94
12) 1,1-Dichloroethene	2.318	96	47548	20.387	ug/l	96
13) Acrolein	2.239	56	12325	73.420	ug/l	97
14) Allyl chloride	2.666	41	71853	19.081	ug/l	93
15) Acrylonitrile	3.068	53	140977	98.905	ug/l	100
16) Acetone	2.391	43	108059	88.962	ug/l	98
17) Carbon Disulfide	2.513	76	113949	18.846	ug/l	99
18) Methyl Acetate	2.708	43	63804	19.867	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	159973	19.757	ug/l	99
20) Methylene Chloride	2.794	84	53688	19.845	ug/l	95
21) trans-1,2-Dichloroethene	3.092	96	51815	20.326	ug/l	93
22) Diisopropyl ether	3.763	45	145345	19.511	ug/l #	90
23) Vinyl Acetate	3.727	43	610956	98.241	ug/l	99
24) 1,1-Dichloroethane	3.611	63	87017	19.424	ug/l	98
25) 2-Butanone	4.562	43	180903	94.221	ug/l	99
26) 2,2-Dichloropropane	4.482	77	51640	14.810	ug/l	97
27) cis-1,2-Dichloroethene	4.495	96	59659	20.032	ug/l	93
28) Bromochloromethane	4.903	49	35447	20.710	ug/l	97
29) Tetrahydrofuran	5.013	42	120918	94.500	ug/l	97
30) Chloroform	5.098	83	92276	19.464	ug/l	97
31) Cyclohexane	5.470	56	79214	19.362	ug/l	95
32) 1,1,1-Trichloroethane	5.391	97	81128	19.401	ug/l	96
36) 1,1-Dichloropropene	5.696	75	67074	19.098	ug/l	99
37) Ethyl Acetate	4.714	43	68129	18.925	ug/l	97
38) Carbon Tetrachloride	5.683	117	67344	19.499	ug/l	97
39) Methylcyclohexane	7.384	83	82010	18.729	ug/l	96
40) Benzene	6.043	78	207582	19.939	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	37190	19.608	ug/l	98
42) 1,2-Dichloroethane	6.092	62	67124	18.756	ug/l	98
43) Isopropyl Acetate	6.342	43	106140	18.960	ug/l	99
44) Trichloroethene	7.128	130	58351	19.081	ug/l	92
45) 1,2-Dichloropropane	7.433	63	51389	20.127	ug/l	96
46) Dibromomethane	7.586	93	37208	20.276	ug/l	95
47) Bromodichloromethane	7.823	83	68080	19.252	ug/l	100
48) Methyl methacrylate	7.695	41	51827	18.882	ug/l	95
49) 1,4-Dioxane	7.701	88	25901	366.009	ug/l	97
51) 4-Methyl-2-Pentanone	8.573	43	349824	96.953	ug/l	99
52) Toluene	8.720	92	135549	20.333	ug/l	96
53) t-1,3-Dichloropropene	8.982	75	66193	18.524	ug/l	99
54) cis-1,3-Dichloropropene	8.372	75	77710	19.420	ug/l	98
55) 1,1,2-Trichloroethane	9.152	97	54763	20.317	ug/l	99
56) Ethyl methacrylate	9.116	69	80701	19.819	ug/l	97
57) 1,3-Dichloropropane	9.311	76	90036	20.056	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	182004	95.129	ug/l	96
59) 2-Hexanone	9.433	43	266993	97.719	ug/l	97
60) Dibromochloromethane	9.524	129	53145	20.308	ug/l	97
61) 1,2-Dibromoethane	9.610	107	57121	20.441	ug/l	99
64) Tetrachloroethene	9.274	164	51462	19.987	ug/l	97
65) Chlorobenzene	10.079	112	142766	20.440	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.164	131	50613	20.178	ug/l	99
67) Ethyl Benzene	10.195	91	253342	20.159	ug/l	98
68) m/p-Xylenes	10.305	106	197202	40.238	ug/l	100
69) o-Xylene	10.646	106	98386	20.319	ug/l	99
70) Styrene	10.658	104	162982	20.558	ug/l	99
71) Bromoform	10.798	173	36158	20.331	ug/l #	100
73) Isopropylbenzene	10.963	105	255652	20.215	ug/l	97
74) N-amyl acetate	10.847	43	85898	19.557	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	83755	20.485	ug/l	98
76) 1,2,3-Trichloropropane	11.243	75	72537m	19.741	ug/l	
77) Bromobenzene	11.201	156	58007	20.098	ug/l	96
78) n-propylbenzene	11.304	91	284575	19.979	ug/l	100
79) 2-Chlorotoluene	11.365	91	174678	19.806	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	212394	19.942	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	18746	16.972	ug/l	89
82) 4-Chlorotoluene	11.457	91	196891	19.577	ug/l	99
83) tert-Butylbenzene	11.719	119	209070	20.133	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	213126	20.064	ug/l	100
85) sec-Butylbenzene	11.890	105	260483	20.240	ug/l	99
86) p-Isopropyltoluene	12.012	119	217799	20.211	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	112497	20.461	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	111928	20.389	ug/l	98
89) n-Butylbenzene	12.335	91	172408	18.957	ug/l	100
90) Hexachloroethane	12.542	117	31141	20.182	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	112245	20.768	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.944	75	17167	18.949	ug/l	96
93) 1,2,4-Trichlorobenzene	13.591	180	67136	20.370	ug/l	99
94) Hexachlorobutadiene	13.725	225	26895	19.932	ug/l	92
95) Naphthalene	13.780	128	255363	21.584	ug/l	99
96) 1,2,3-Trichlorobenzene	13.962	180	68422	20.729	ug/l	96

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

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