

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX062222\
 Data File : VX029716.D
 Acq On : 23 Jun 2022 03:02
 Operator : JC/MD
 Sample : VX0622MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 36 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 04:14:38 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	5.556	168	229132	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	401648	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	356935	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	170823	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	145625	48.012	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.020%		
35) Dibromofluoromethane	5.385	113	132224	50.516	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	101.040%		
50) Toluene-d8	8.653	98	488658	51.103	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.200%		
62) 4-Bromofluorobenzene	11.079	95	183002	50.749	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	101.500%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	52661	18.978	ug/l	99
3) Chloromethane	1.294	50	48165	16.112	ug/l	97
4) Vinyl Chloride	1.374	62	50221	18.247	ug/l	98
5) Bromomethane	1.611	94	26241	18.688	ug/l	96
6) Chloroethane	1.691	64	26850	14.220	ug/l	98
7) Trichlorofluoromethane	1.892	101	71104	18.544	ug/l	94
8) Diethyl Ether	2.136	74	27758	18.375	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	45978	19.123	ug/l	99
10) Methyl Iodide	2.453	142	37715	15.947	ug/l	99
11) Tert butyl alcohol	2.983	59	70846m	101.695	ug/l	
12) 1,1-Dichloroethene	2.325	96	46121	19.868	ug/l	88
13) Acrolein	2.239	56	12383	74.114	ug/l	98
14) Allyl chloride	2.666	41	69850	18.637	ug/l	93
15) Acrylonitrile	3.068	53	138526	97.644	ug/l	99
16) Acetone	2.386	43	106111	87.771	ug/l	100
17) Carbon Disulfide	2.514	76	109668	18.223	ug/l	99
18) Methyl Acetate	2.709	43	62674	19.608	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	155753	19.327	ug/l	96
20) Methylene Chloride	2.794	84	51852	19.257	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	49514	19.515	ug/l	98
22) Diisopropyl ether	3.763	45	142275	19.189	ug/l	91
23) Vinyl Acetate	3.727	43	595784	96.254	ug/l	99
24) 1,1-Dichloroethane	3.611	63	85869	19.258	ug/l	99
25) 2-Butanone	4.568	43	174939	91.545	ug/l	98
26) 2,2-Dichloropropane	4.477	77	50907	14.669	ug/l	96
27) cis-1,2-Dichloroethene	4.489	96	58468	19.725	ug/l	92
28) Bromochloromethane	4.897	49	33832	19.859	ug/l	98
29) Tetrahydrofuran	5.013	42	117425	92.203	ug/l	97
30) Chloroform	5.099	83	91334	19.356	ug/l	98
31) Cyclohexane	5.477	56	78011	19.158	ug/l	95
32) 1,1,1-Trichloroethane	5.385	97	78785	18.929	ug/l	98
36) 1,1-Dichloropropene	5.696	75	65886	18.598	ug/l	99
37) Ethyl Acetate	4.721	43	67296	18.532	ug/l	98
38) Carbon Tetrachloride	5.678	117	64569	18.534	ug/l	100
39) Methylcyclohexane	7.385	83	80542	18.235	ug/l	95
40) Benzene	6.043	78	202196	19.255	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	36410	19.031	ug/l	98
42) 1,2-Dichloroethane	6.092	62	66244	18.351	ug/l	97
43) Isopropyl Acetate	6.348	43	105251	18.640	ug/l	99
44) Trichloroethene	7.129	130	57129	18.487	ug/l	94
45) 1,2-Dichloropropane	7.434	63	49438	19.196	ug/l	93
46) Dibromomethane	7.586	93	35460	19.156	ug/l	97
47) Bromodichloromethane	7.824	83	67087	18.808	ug/l	98
48) Methyl methacrylate	7.696	41	51020	18.428	ug/l	94
49) 1,4-Dioxane	7.696	88	24998	350.205	ug/l	97
51) 4-Methyl-2-Pentanone	8.574	43	339684	93.332	ug/l	99
52) Toluene	8.720	92	131862	19.610	ug/l	97
53) t-1,3-Dichloropropene	8.982	75	64635	17.932	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	75084	18.602	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	54168	19.923	ug/l	99
56) Ethyl methacrylate	9.116	69	80301	19.550	ug/l	99
57) 1,3-Dichloropropane	9.311	76	87071	19.229	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	175775	91.082	ug/l	96
59) 2-Hexanone	9.433	43	258199	93.686	ug/l	99
60) Dibromochloromethane	9.525	129	51258	19.418	ug/l	98
61) 1,2-Dibromoethane	9.610	107	55333	19.630	ug/l	100
64) Tetrachloroethene	9.275	164	49850	19.312	ug/l	97
65) Chlorobenzene	10.079	112	140225	20.026	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	49591	19.720	ug/l	99
67) Ethyl Benzene	10.195	91	247029	19.607	ug/l	98
68) m/p-Xylenes	10.305	106	193668	39.417	ug/l	100
69) o-Xylene	10.640	106	96509	19.881	ug/l	98
70) Styrene	10.659	104	158753	19.974	ug/l	99
71) Bromoform	10.799	173	34773	19.502	ug/l	100
73) Isopropylbenzene	10.963	105	246038	19.210	ug/l	99
74) N-amyl acetate	10.848	43	82751	18.603	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	81039	19.570	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	70338m	18.901	ug/l	
77) Bromobenzene	11.201	156	56566	19.351	ug/l	95
78) n-propylbenzene	11.305	91	279325	19.363	ug/l	100
79) 2-Chlorotoluene	11.366	91	170670	19.107	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	208663	19.345	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	17912	16.013	ug/l	89
82) 4-Chlorotoluene	11.457	91	190493	18.701	ug/l	99
83) tert-Butylbenzene	11.719	119	203601	19.359	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	206820	19.225	ug/l	100
85) sec-Butylbenzene	11.890	105	253027	19.412	ug/l	100
86) p-Isopropyltoluene	12.012	119	209781	19.222	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	107994	19.394	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	110507	19.876	ug/l	98
89) n-Butylbenzene	12.335	91	171074	18.573	ug/l	99
90) Hexachloroethane	12.542	117	30040	19.222	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	109267	19.962	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	12.945	75	16732	18.236	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	65269	19.554	ug/l	98
94) Hexachlorobutadiene	13.725	225	25564	18.706	ug/l	95
95) Naphthalene	13.774	128	243489	20.321	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	65278	19.527	ug/l	95

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

