

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX011623\
 Data File : VX033745.D
 Acq On : 16 Jan 2023 13:20
 Operator : JC/MD
 Sample : VX0116MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0116MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/17/2023
 Supervised By : Mahesh Dadoda 01/17/2023

Quant Time: Jan 17 00:40:31 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011123W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 11 14:48:42 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	164229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	240382	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	240283	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	133351	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	104949	60.693	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 121.380%#			
35) Dibromofluoromethane	5.379	113	82338	55.163	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 110.320%			
50) Toluene-d8	8.647	98	324297	59.630	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 119.260%#			
62) 4-Bromofluorobenzene	11.079	95	127851	63.317	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 126.640%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	21955	16.917	ug/l	99
3) Chloromethane	1.294	50	24723	17.243	ug/l	97
4) Vinyl Chloride	1.374	62	24391	17.532	ug/l	99
5) Bromomethane	1.618	94	17805	22.274	ug/l	99
6) Chloroethane	1.691	64	18981	22.068	ug/l	100
7) Trichlorofluoromethane	1.886	101	49755	22.053	ug/l	99
8) Diethyl Ether	2.130	74	17675	23.926	ug/l	99
9) 1,1,2-Trichlorotrifluo...	2.331	101	25946	20.387	ug/l	99
10) Methyl Iodide	2.453	142	34247	18.774	ug/l	99
11) Tert butyl alcohol	3.093	59	25421m	84.626	ug/l	
12) 1,1-Dichloroethene	2.319	96	23234	17.387	ug/l	97
13) Acrolein	2.239	56	32115	115.872	ug/l	99
14) Allyl chloride	2.666	41	43930	17.430	ug/l	99
15) Acrylonitrile	3.068	53	66821	84.523	ug/l	99
16) Acetone	2.404	43	73156	109.449	ug/l	98
17) Carbon Disulfide	2.514	76	56817	18.011	ug/l	99
18) Methyl Acetate	2.709	43	41887	17.357	ug/l	98
19) Methyl tert-butyl Ether	3.111	73	88936	19.162	ug/l	99
20) Methylene Chloride	2.788	84	28734	17.482	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	26998	17.282	ug/l	96
22) Diisopropyl ether	3.757	45	96393	19.009	ug/l	99
23) Vinyl Acetate	3.721	43	371988	97.444	ug/l	99
24) 1,1-Dichloroethane	3.605	63	50806	18.312	ug/l	97
25) 2-Butanone	4.568	43	104302	92.317	ug/l	97
26) 2,2-Dichloropropane	4.471	77	39007	19.628	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	31998	17.816	ug/l	95
28) Bromochloromethane	4.891	49	31605	25.008	ug/l	95
29) Tetrahydrofuran	5.013	42	63163	88.701	ug/l	99
30) Chloroform	5.086	83	54338	19.122	ug/l	94
31) Cyclohexane	5.471	56	46994	18.469	ug/l	99
32) 1,1,1-Trichloroethane	5.379	97	47214	19.460	ug/l	97
36) 1,1-Dichloropropene	5.690	75	39153	17.973	ug/l	99
37) Ethyl Acetate	4.715	43	40821	17.798	ug/l	97
38) Carbon Tetrachloride	5.672	117	42330	18.761	ug/l	97
39) Methylcyclohexane	7.379	83	49794	18.509	ug/l	97
40) Benzene	6.037	78	112924	17.784	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	23494	19.571	ug/l	97
42) 1,2-Dichloroethane	6.086	62	46742	20.772	ug/l	96
43) Isopropyl Acetate	6.336	43	64235	18.678	ug/l	97
44) Trichloroethene	7.123	130	31417	17.694	ug/l	93
45) 1,2-Dichloropropane	7.427	63	29567	18.588	ug/l	96
46) Dibromomethane	7.580	93	20835	18.753	ug/l	97
47) Bromodichloromethane	7.818	83	41230	19.256	ug/l	99
48) Methyl methacrylate	7.690	41	33796	19.508	ug/l	93
49) 1,4-Dioxane	7.744	88	13815	360.515	ug/l #	100
51) 4-Methyl-2-Pentanone	8.574	43	213773	101.213	ug/l	97
52) Toluene	8.714	92	81027	19.760	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	43939	20.520	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	46321	19.306	ug/l	92
55) 1,1,2-Trichloroethane	9.153	97	33508	20.644	ug/l	96
56) Ethyl methacrylate	9.116	69	48604	21.278	ug/l	93
57) 1,3-Dichloropropane	9.305	76	56492	21.464	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.238	63	116666	103.705	ug/l	97
59) 2-Hexanone	9.427	43	171621	116.744	ug/l	96
60) Dibromochloromethane	9.519	129	35584	21.146	ug/l	100
61) 1,2-Dibromoethane	9.610	107	35340	21.817	ug/l	99
64) Tetrachloroethene	9.275	164	32947	18.517	ug/l	99
65) Chlorobenzene	10.079	112	90786	18.251	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	34282	18.727	ug/l	97
67) Ethyl Benzene	10.189	91	161960	18.963	ug/l	97
68) m/p-Xylenes	10.299	106	129942	38.898	ug/l	97
69) o-Xylene	10.640	106	61996	18.714	ug/l	98
70) Styrene	10.653	104	102848	19.089	ug/l	98
71) Bromoform	10.799	173	26164	17.056	ug/l #	99
73) Isopropylbenzene	10.963	105	165134	17.169	ug/l	100
74) N-amyl acetate	10.842	43	61433	17.544	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.213	83	48375	16.607	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	39774m	16.233	ug/l	
77) Bromobenzene	11.195	156	42631	16.476	ug/l	95
78) n-propylbenzene	11.305	91	192457	17.687	ug/l	98
79) 2-Chlorotoluene	11.366	91	113280	17.323	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	140612	17.524	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	12265	15.558	ug/l	87
82) 4-Chlorotoluene	11.451	91	132553	17.784	ug/l	98
83) tert-Butylbenzene	11.713	119	142257	17.855	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	140008	18.445	ug/l	100
85) sec-Butylbenzene	11.890	105	177713	18.649	ug/l	100
86) p-Isopropyltoluene	12.006	119	156379	19.167	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	80977	17.972	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	83408	18.172	ug/l	98
89) n-Butylbenzene	12.329	91	130268	19.517	ug/l	99
90) Hexachloroethane	12.536	117	23973	17.863	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	79872	18.370	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.939	75	9859	18.118	ug/l	89
93) 1,2,4-Trichlorobenzene	13.585	180	53098	18.130	ug/l	99
94) Hexachlorobutadiene	13.725	225	25910	18.060	ug/l	99
95) Naphthalene	13.774	128	151018	17.923	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	54105	18.462	ug/l	100

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

