

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042923\
 Data File : VX035421.D
 Acq On : 29 Apr 2023 14:11
 Operator : JC/MD
 Sample : VX0429MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0429MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/01/2023
 Supervised By : Mahesh Dadoda 05/01/2023

Quant Time: May 01 04:28:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	235181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	364980	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	317192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	156657	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	129117	45.507	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.020%		
35) Dibromofluoromethane	5.385	113	107660	48.059	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	96.120%		
50) Toluene-d8	8.647	98	394420	46.674	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	93.340%		
62) 4-Bromofluorobenzene	11.079	95	146693	46.145	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	92.300%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	41589	16.712	ug/l	97
3) Chloromethane	1.294	50	33835	14.946	ug/l	99
4) Vinyl Chloride	1.374	62	36697	16.162	ug/l	96
5) Bromomethane	1.617	94	23570	15.619	ug/l	99
6) Chloroethane	1.691	64	21443	16.148	ug/l	98
7) Trichlorofluoromethane	1.892	101	61096	17.207	ug/l	98
8) Diethyl Ether	2.136	74	20876	16.126	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	40721	17.171	ug/l	96
10) Methyl Iodide	2.453	142	46170	15.426	ug/l	99
11) Tert butyl alcohol	3.007	59	40500	78.394	ug/l	96
12) 1,1-Dichloroethene	2.319	96	38753	16.966	ug/l	93
13) Acrolein	2.239	56	43929	86.464	ug/l	99
14) Allyl chloride	2.666	41	63971	15.914	ug/l	98
15) Acrylonitrile	3.068	53	102180	79.080	ug/l	99
16) Acetone	2.392	43	94263	76.494	ug/l	98
17) Carbon Disulfide	2.514	76	85146	15.550	ug/l	99
18) Methyl Acetate	2.709	43	77522	16.268	ug/l	97
19) Methyl tert-butyl Ether	3.111	73	139068	17.746	ug/l	99
20) Methylene Chloride	2.788	84	45256	16.016	ug/l	89
21) trans-1,2-Dichloroethene	3.093	96	42035	16.944	ug/l	93
22) Diisopropyl ether	3.757	45	136311	17.136	ug/l	97
23) Vinyl Acetate	3.721	43	465766	85.185	ug/l	98
24) 1,1-Dichloroethane	3.611	63	76153	16.996	ug/l	99
25) 2-Butanone	4.562	43	139191	77.386	ug/l	98
26) 2,2-Dichloropropane	4.477	77	61205	17.436	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	49421	16.948	ug/l	94
28) Bromochloromethane	4.897	49	34615	18.129	ug/l	83
29) Tetrahydrofuran	5.013	42	87114	75.552	ug/l	94
30) Chloroform	5.092	83	79996	17.686	ug/l	93
31) Cyclohexane	5.470	56	67149	16.684	ug/l	96
32) 1,1,1-Trichloroethane	5.385	97	70687	17.832	ug/l	96
36) 1,1-Dichloropropene	5.690	75	56504	16.154	ug/l	94
37) Ethyl Acetate	4.714	43	53304	16.685	ug/l	96
38) Carbon Tetrachloride	5.678	117	60056	18.086	ug/l	98
39) Methylcyclohexane	7.379	83	70737	16.614	ug/l	99
40) Benzene	6.037	78	173218	17.263	ug/l	99

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41) Methacrylonitrile	4.922	41	29784	16.270	ug/l	94
42) 1,2-Dichloroethane	6.086	62	61203	17.107	ug/l	96
43) Isopropyl Acetate	6.336	43	89989	16.764	ug/l #	94
44) Trichloroethene	7.129	130	48539	17.560	ug/l	92
45) 1,2-Dichloropropane	7.427	63	44142	17.449	ug/l	98
46) Dibromomethane	7.586	93	29885	17.203	ug/l	92
47) Bromodichloromethane	7.824	83	56882	17.772	ug/l	100
48) Methyl methacrylate	7.696	41	44353	16.844	ug/l	92
49) 1,4-Dioxane	7.720	88	20727	322.923	ug/l #	79
51) 4-Methyl-2-Pentanone	8.573	43	273258	82.856	ug/l	96
52) Toluene	8.720	92	111261	17.493	ug/l	98
53) t-1,3-Dichloropropene	8.976	75	59587	17.826	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	67238	17.797	ug/l #	89
55) 1,1,2-Trichloroethane	9.153	97	44581	17.582	ug/l	96
56) Ethyl methacrylate	9.116	69	66385	17.576	ug/l #	89
57) 1,3-Dichloropropane	9.311	76	75194	17.338	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	176515	93.462	ug/l	94
59) 2-Hexanone	9.433	43	203653	82.197	ug/l	94
60) Dibromochloromethane	9.518	129	44082	18.146	ug/l	98
61) 1,2-Dibromoethane	9.610	107	46078	17.628	ug/l	97
64) Tetrachloroethene	9.275	164	42776	17.613	ug/l	99
65) Chlorobenzene	10.079	112	119034	17.346	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	43313	18.135	ug/l	97
67) Ethyl Benzene	10.195	91	211907	17.831	ug/l	98
68) m/p-Xylenes	10.299	106	162278	35.635	ug/l	100
69) o-Xylene	10.640	106	81249	18.195	ug/l	99
70) Styrene	10.652	104	132897	18.355	ug/l	97
71) Bromoform	10.799	173	29418	17.708	ug/l #	98
73) Isopropylbenzene	10.963	105	211114	18.435	ug/l	100
74) N-amyl acetate	10.841	43	75163	17.466	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	63391	17.835	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	50836m	16.268	ug/l	
77) Bromobenzene	11.195	156	51731	18.173	ug/l	90
78) n-propylbenzene	11.305	91	232705	17.694	ug/l	97
79) 2-Chlorotoluene	11.366	91	145300	17.680	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	178611	18.498	ug/l	97
81) trans-1,4-Dichloro-2-b...	11.018	75	14984	15.530	ug/l	92
82) 4-Chlorotoluene	11.451	91	165666	17.948	ug/l	98
83) tert-Butylbenzene	11.713	119	175091	18.072	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	178056	18.353	ug/l	100
85) sec-Butylbenzene	11.890	105	209649	17.642	ug/l	99
86) p-Isopropyltoluene	12.006	119	180860	17.894	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	96676	17.871	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	97504	17.191	ug/l	99
89) n-Butylbenzene	12.335	91	144094	16.888	ug/l	98
90) Hexachloroethane	12.536	117	26679	17.244	ug/l	91
91) 1,2-Dichlorobenzene	12.335	146	94913	17.542	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	12235	17.167	ug/l	87
93) 1,2,4-Trichlorobenzene	13.585	180	60418	17.765	ug/l	98
94) Hexachlorobutadiene	13.725	225	25279	16.936	ug/l	98
95) Naphthalene	13.774	128	193550	18.487	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	59711	17.441	ug/l	99

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

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