

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060223\
 Data File : VX035973.D
 Acq On : 02 Jun 2023 10:51
 Operator : JC/MD
 Sample : VX0602MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0602MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 06/02/2023
 Supervised By : Mahesh Dadoda 06/05/2023

Quant Time: Jun 02 15:50:43 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X053123W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 31 12:50:30 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	175352	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	338121	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	305672	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	144549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	165061	57.968	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 115.940%			
35) Dibromofluoromethane	5.385	113	118070	51.918	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.840%			
50) Toluene-d8	8.647	98	423999	51.949	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 103.900%			
62) 4-Bromofluorobenzene	11.079	95	169889	52.728	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.460%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	28240	14.740	ug/l	93
3) Chloromethane	1.300	50	42648	19.475	ug/l	99
4) Vinyl Chloride	1.374	62	35515	17.265	ug/l	93
5) Bromomethane	1.617	94	23479	17.330	ug/l	100
6) Chloroethane	1.691	64	23523	19.421	ug/l	99
7) Trichlorofluoromethane	1.886	101	43713	15.102	ug/l	95
8) Diethyl Ether	2.136	74	24451	19.451	ug/l	98
9) 1,1,2-Trichlorotrifluo...	2.331	101	25753	14.335	ug/l	97
10) Methyl Iodide	2.453	142	29110	13.766	ug/l	99
11) Tert butyl alcohol	3.032	59	55234m	109.226	ug/l	
12) 1,1-Dichloroethene	2.318	96	29862	16.975	ug/l	93
13) Acrolein	2.245	56	48489	99.546	ug/l	99
14) Allyl chloride	2.666	41	69323	19.170	ug/l	97
15) Acrylonitrile	3.074	53	126423	106.406	ug/l	99
16) Acetone	2.404	43	131822	112.214	ug/l	100
17) Carbon Disulfide	2.514	76	64792	14.698	ug/l	100
18) Methyl Acetate	2.709	43	98528	21.574	ug/l	98
19) Methyl tert-butyl Ether	3.117	73	144343	20.946	ug/l	100
20) Methylene Chloride	2.788	84	43473	19.211	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	37347	18.572	ug/l	98
22) Diisopropyl ether	3.763	45	149023	21.186	ug/l	96
23) Vinyl Acetate	3.727	43	528376	106.917	ug/l	99
24) 1,1-Dichloroethane	3.611	63	79857	20.469	ug/l	99
25) 2-Butanone	4.574	43	186029	110.641	ug/l	95
26) 2,2-Dichloropropane	4.477	77	58431	19.649	ug/l	98
27) cis-1,2-Dichloroethene	4.483	96	47401	19.639	ug/l	98
28) Bromochloromethane	4.903	49	47885	23.439	ug/l	94
29) Tetrahydrofuran	5.019	42	119140	109.958	ug/l	99
30) Chloroform	5.098	83	84531	21.036	ug/l	100
31) Cyclohexane	5.470	56	45679	15.322	ug/l	98
32) 1,1,1-Trichloroethane	5.385	97	64238	18.917	ug/l	98
36) 1,1-Dichloropropene	5.690	75	49622	16.365	ug/l	97
37) Ethyl Acetate	4.720	43	69817	20.674	ug/l	98
38) Carbon Tetrachloride	5.678	117	48250	16.328	ug/l	97
39) Methylcyclohexane	7.379	83	41668	13.170	ug/l	98
40) Benzene	6.037	78	171243	18.817	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	39300	20.515	ug/l	98
42) 1,2-Dichloroethane	6.086	62	71321	19.790	ug/l	98
43) Isopropyl Acetate	6.342	43	109281	19.681	ug/l	99
44) Trichloroethene	7.122	130	42243	17.893	ug/l	96
45) 1,2-Dichloropropane	7.433	63	44668	18.648	ug/l	98
46) Dibromomethane	7.580	93	32409	19.478	ug/l	98
47) Bromodichloromethane	7.824	83	59940	19.151	ug/l	99
48) Methyl methacrylate	7.696	41	56643	20.801	ug/l	99
49) 1,4-Dioxane	7.750	88	22654	363.251	ug/l #	78
51) 4-Methyl-2-Pentanone	8.573	43	359509	106.069	ug/l	100
52) Toluene	8.720	92	107105	18.720	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	60866	18.396	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	67627	18.509	ug/l	97
55) 1,1,2-Trichloroethane	9.153	97	45965	19.282	ug/l	98
56) Ethyl methacrylate	9.116	69	70442	19.765	ug/l	97
57) 1,3-Dichloropropane	9.311	76	80480	19.618	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	197031	105.511	ug/l	99
59) 2-Hexanone	9.433	43	268766	107.257	ug/l	99
60) Dibromochloromethane	9.524	129	44130	19.070	ug/l	98
61) 1,2-Dibromoethane	9.610	107	47425	19.461	ug/l	99
64) Tetrachloroethene	9.275	164	31692	16.499	ug/l	99
65) Chlorobenzene	10.079	112	114987	18.643	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	41214	18.999	ug/l	99
67) Ethyl Benzene	10.195	91	201398	18.347	ug/l	99
68) m/p-Xylenes	10.299	106	155680	37.383	ug/l	97
69) o-Xylene	10.640	106	77606	18.545	ug/l	98
70) Styrene	10.652	104	128576	19.015	ug/l	99
71) Bromoform	10.799	173	27879	18.557	ug/l #	98
73) Isopropylbenzene	10.963	105	190245	18.111	ug/l	99
74) N-amyl acetate	10.841	43	91804	20.051	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	70917	19.737	ug/l	99
76) 1,2,3-Trichloropropane	11.238	75	58963m	18.086	ug/l	
77) Bromobenzene	11.195	156	48078	18.509	ug/l	98
78) n-propylbenzene	11.305	91	215337	18.163	ug/l	98
79) 2-Chlorotoluene	11.366	91	146330	18.952	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	167349	18.896	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	16655	17.207	ug/l	97
82) 4-Chlorotoluene	11.457	91	167329	18.882	ug/l	99
83) tert-Butylbenzene	11.713	119	152533	18.028	ug/l	97
84) 1,2,4-Trimethylbenzene	11.750	105	169306	18.628	ug/l	100
85) sec-Butylbenzene	11.890	105	172916	17.230	ug/l	99
86) p-Isopropyltoluene	12.012	119	152141	17.732	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	88202	18.536	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	89864	17.928	ug/l	99
89) n-Butylbenzene	12.335	91	118809	16.390	ug/l	98
90) Hexachloroethane	12.536	117	23110	16.985	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	89271	18.846	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	15111	20.378	ug/l	98
93) 1,2,4-Trichlorobenzene	13.585	180	46001	16.688	ug/l	99
94) Hexachlorobutadiene	13.725	225	14555	13.880	ug/l	98
95) Naphthalene	13.774	128	180923	18.858	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	47273	17.386	ug/l	99

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

