

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041523\
 Data File : VX035074.D
 Acq On : 14 Apr 2023 11:34
 Operator : JC/MD
 Sample : VX0415MBS01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0415MBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/17/2023
 Supervised By : Mahesh Dadoda 04/17/2023

Quant Time: Apr 17 05:06:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	294650	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	482536	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	427161	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	208251	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	205550	45.614	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.220%		
35) Dibromofluoromethane	5.379	113	163711	51.294	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.580%		
50) Toluene-d8	8.647	98	599192	50.864	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	101.720%		
62) 4-Bromofluorobenzene	11.079	95	236324	51.840	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	103.680%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	76869	26.156	ug/l	99
3) Chloromethane	1.294	50	72761	19.775	ug/l	97
4) Vinyl Chloride	1.374	62	73866	20.275	ug/l	100
5) Bromomethane	1.617	94	43338	18.306	ug/l	98
6) Chloroethane	1.691	64	39369	16.609	ug/l	99
7) Trichlorofluoromethane	1.886	101	103499	17.671	ug/l	98
8) Diethyl Ether	2.130	74	38459	18.626	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.331	101	65323	21.338	ug/l	98
10) Methyl Iodide	2.453	142	72880	19.117	ug/l	95
11) Tert butyl alcohol	2.989	59	79124	100.076	ug/l	98
12) 1,1-Dichloroethene	2.319	96	60505	20.002	ug/l	96
13) Acrolein	2.239	56	77627	95.378	ug/l	99
14) Allyl chloride	2.660	41	117203	19.777	ug/l	97
15) Acrylonitrile	3.062	53	184784	103.830	ug/l	98
16) Acetone	2.392	43	163943	89.558	ug/l	100
17) Carbon Disulfide	2.514	76	147657	19.491	ug/l	99
18) Methyl Acetate	2.703	43	138344	21.270	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	223371	19.945	ug/l	98
20) Methylene Chloride	2.788	84	71454	19.781	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	66903	20.280	ug/l	99
22) Diisopropyl ether	3.757	45	236164	19.750	ug/l	96
23) Vinyl Acetate	3.721	43	856875	100.479	ug/l	99
24) 1,1-Dichloroethane	3.611	63	128829	20.024	ug/l	98
25) 2-Butanone	4.562	43	269565	101.232	ug/l	98
26) 2,2-Dichloropropane	4.471	77	99241	18.757	ug/l	99
27) cis-1,2-Dichloroethene	4.483	96	77869	19.920	ug/l	99
28) Bromochloromethane	4.897	49	69675	22.139	ug/l	97
29) Tetrahydrofuran	5.007	42	169575	101.655	ug/l	99
30) Chloroform	5.092	83	128864	19.720	ug/l	99
31) Cyclohexane	5.470	56	111609	20.340	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	111451	19.986	ug/l	99
36) 1,1-Dichloropropene	5.690	75	96661	20.443	ug/l	99
37) Ethyl Acetate	4.708	43	99684	20.162	ug/l	97
38) Carbon Tetrachloride	5.672	117	93895	21.062	ug/l	96
39) Methylcyclohexane	7.379	83	104668	20.846	ug/l	99
40) Benzene	6.037	78	283564	20.891	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	59610	22.170	ug/l	97
42) 1,2-Dichloroethane	6.086	62	105589	19.567	ug/l	98
43) Isopropyl Acetate	6.336	43	164526	19.890	ug/l	99
44) Trichloroethene	7.123	130	74444	21.485	ug/l	98
45) 1,2-Dichloropropane	7.427	63	74391	21.032	ug/l	100
46) Dibromomethane	7.580	93	48207	19.809	ug/l	97
47) Bromodichloromethane	7.818	83	91447	20.343	ug/l	98
48) Methyl methacrylate	7.690	41	83980	20.674	ug/l	97
49) 1,4-Dioxane	7.702	88	36933	441.178	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	519160	106.049	ug/l	99
52) Toluene	8.720	92	178290	20.145	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	97241	20.108	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	109982	20.782	ug/l	99
55) 1,1,2-Trichloroethane	9.153	97	70438	21.029	ug/l	98
56) Ethyl methacrylate	9.116	69	111691	21.282	ug/l	96
57) 1,3-Dichloropropane	9.311	76	123698	20.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.238	63	252916	94.648	ug/l	98
59) 2-Hexanone	9.427	43	394581	106.565	ug/l	98
60) Dibromochloromethane	9.518	129	67451	21.139	ug/l	98
61) 1,2-Dibromoethane	9.610	107	72794	20.899	ug/l	100
64) Tetrachloroethene	9.275	164	65140	21.309	ug/l	97
65) Chlorobenzene	10.079	112	190719	21.459	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.165	131	66455	21.745	ug/l	98
67) Ethyl Benzene	10.195	91	338774	21.041	ug/l	99
68) m/p-Xylenes	10.299	106	261321	42.490	ug/l	100
69) o-Xylene	10.640	106	127034	21.085	ug/l	99
70) Styrene	10.652	104	210874	21.925	ug/l	98
71) Bromoform	10.799	173	44336	21.330	ug/l #	100
73) Isopropylbenzene	10.963	105	324277	21.258	ug/l	100
74) N-amyl acetate	10.841	43	142305	20.748	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.213	83	104937	20.989	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	87728m	20.907	ug/l	
77) Bromobenzene	11.195	156	78878	20.868	ug/l	97
78) n-propylbenzene	11.305	91	371238	21.067	ug/l	100
79) 2-Chlorotoluene	11.366	91	231930	20.846	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	271835	21.313	ug/l	98
81) trans-1,4-Dichloro-2-b...	11.018	75	25327	18.089	ug/l	89
82) 4-Chlorotoluene	11.457	91	265521	20.551	ug/l	99
83) tert-Butylbenzene	11.713	119	254398	21.241	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	271088	20.900	ug/l	100
85) sec-Butylbenzene	11.890	105	309716	21.256	ug/l	100
86) p-Isopropyltoluene	12.012	119	266687	21.950	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	146959	21.349	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	149953	20.857	ug/l	100
89) n-Butylbenzene	12.335	91	221924	20.906	ug/l	99
90) Hexachloroethane	12.542	117	38922	20.677	ug/l	94
91) 1,2-Dichlorobenzene	12.335	146	144371	20.941	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	22234	21.305	ug/l	92
93) 1,2,4-Trichlorobenzene	13.591	180	87269	22.381	ug/l	99
94) Hexachlorobutadiene	13.725	225	37852	22.072	ug/l	99
95) Naphthalene	13.774	128	315213	22.751	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	87377	22.221	ug/l	99

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

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