

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052219\
 Data File : VX009843.D
 Acq On : 23 May 2019 07:31
 Operator : JC/SP
 Sample : K2976-10MS 50X
 Misc : 6.03g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 EP1-SB-MW-ER(14-17)MS

Manual Integrations
 APPROVED

MMDadoda
 5/23/2019 10:38:50 AM

Quant Time: May 23 09:16:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 09 07:31:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	178644	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	296211	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	270346	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139497	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114810	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	81616	43.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.66%	
50) Toluene-d8	8.71	98	330284	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
62) 4-Bromofluorobenzene	11.13	95	127546	46.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66048	40.121	ug/l	99
3) Chloromethane	1.32	50	102111	45.432	ug/l	98
4) Vinyl Chloride	1.41	62	100770	45.980	ug/l	99
5) Bromomethane	1.64	94	57705	43.867	ug/l	99
6) Chloroethane	1.71	64	64156	45.594	ug/l	98
7) Trichlorofluoromethane	1.92	101	119510	44.860	ug/l	98
8) Diethyl Ether	2.19	74	57471	45.543	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	68930	41.203	ug/l	98
10) Methyl Iodide	2.51	142	74465	39.384	ug/l	99
11) Tert butyl alcohol	3.05	59	144750	256.422	ug/l	99
12) 1,1-Dichloroethene	2.37	96	76061	45.377	ug/l	99
13) Acrolein	2.29	56	89250	174.579	ug/l	99
14) Allyl chloride	2.73	41	180507	44.189	ug/l	99
15) Acrylonitrile	3.14	53	319590	231.546	ug/l	100
16) Acetone	2.45	43	285156	217.761	ug/l	97
17) Carbon Disulfide	2.57	76	220238	46.799	ug/l	99
18) Methyl Acetate	2.78	43	141191	45.337	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	297798	45.751	ug/l	100
20) Methylene Chloride	2.85	84	91808	43.301	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	83168	45.751	ug/l	98
22) Diisopropyl ether	3.85	45	370532	47.167	ug/l	97
23) Vinyl Acetate	3.81	43	1620798	240.941	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175809	45.366	ug/l	99
25) 2-Butanone	4.67	43	479405	235.591	ug/l	97
26) 2,2-Dichloropropane	4.59	77	75512	26.178	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	96535	44.490	ug/l	98
28) Bromochloromethane	5.01	49	95394	61.796	ug/l	96
29) Tetrahydrofuran	5.13	42	320517	244.772	ug/l	97
30) Chloroform	5.21	83	159840	45.604	ug/l	99
31) Cyclohexane	5.58	56	157753	43.754	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	130157	44.609	ug/l	99
36) 1,1-Dichloropropene	5.80	75	121871	44.273	ug/l	99
37) Ethyl Acetate	4.83	43	180978	47.187	ug/l	98
38) Carbon Tetrachloride	5.79	117	106365	42.528	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	135260	40.011	ug/l	98
40) Benzene	6.14	78	378150	44.388	ug/l	100
41) Methacrylonitrile	5.04	41	104145	45.616	ug/l	98
42) 1,2-Dichloroethane	6.19	62	139136	45.529	ug/l	99
43) Isopropyl Acetate	6.45	43	289518	47.192	ug/l	98
44) Trichloroethene	7.21	130	88878	43.154	ug/l	96
45) 1,2-Dichloropropane	7.51	63	107226	44.450	ug/l	98
46) Dibromomethane	7.66	93	61270	43.738	ug/l	100
47) Bromodichloromethane	7.90	83	121947	43.641	ug/l	100
48) Methyl methacrylate	7.77	41	145043	47.654	ug/l	97
49) 1,4-Dioxane	7.74	88	51438	833.341	ug/l	96
51) 4-Methyl-2-Pentanone	8.64	43	959601	239.309	ug/l	98
52) Toluene	8.79	92	226609	43.759	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135788	43.042	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	149076	42.692	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	91814	43.458	ug/l	96
56) Ethyl methacrylate	9.18	69	172284	45.683	ug/l	96
57) 1,3-Dichloropropane	9.37	76	165292	44.459	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	434939	217.396	ug/l	100
59) 2-Hexanone	9.49	43	732470	232.581	ug/l	99
60) Dibromochloromethane	9.58	129	91420	44.304	ug/l	98
61) 1,2-Dibromoethane	9.67	107	94921	44.508	ug/l	99
64) Tetrachloroethene	9.34	164	84638	45.640	ug/l	98
65) Chlorobenzene	10.14	112	233663	43.206	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	83953	42.818	ug/l	100
67) Ethyl Benzene	10.25	91	430110	43.214	ug/l	100
68) m/p-Xylenes	10.36	106	314517	86.473	ug/l	96
69) o-Xylene	10.69	106	155471	43.324	ug/l	99
70) Styrene	10.71	104	278700	44.683	ug/l	99
71) Bromoform	10.85	173	70011	43.940	ug/l #	99
73) Isopropylbenzene	11.02	105	427742	42.167	ug/l	100
74) N-amyl acetate	10.90	43	313754	53.052	ug/l #	76
75) 1,1,2,2-Tetrachloroethane	11.27	83	183457	48.514	ug/l	93
76) 1,2,3-Trichloropropane	11.29	75	133965m	41.401	ug/l	
77) Bromobenzene	11.26	156	103297	41.027	ug/l	97
78) n-propylbenzene	11.36	91	547981	47.301	ug/l	100
79) 2-Chlorotoluene	11.42	91	288876	40.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	380836	44.587	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	44988	35.573	ug/l	87
82) 4-Chlorotoluene	11.51	91	339056	41.991	ug/l	98
83) tert-Butylbenzene	11.77	119	344567	41.469	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	864063	100.785	ug/l	99
85) sec-Butylbenzene	11.94	105	499941	50.751	ug/l	96
86) p-Isopropyltoluene	12.06	119	451613	50.996	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	187934	41.871	ug/l	94
88) 1,4-Dichlorobenzene	12.10	146	189754	41.933	ug/l	98
89) n-Butylbenzene	12.38	91	474337	59.260	ug/l	92
90) Hexachloroethane	12.60	117	85911	56.942	ug/l	74
91) 1,2-Dichlorobenzene	12.39	146	185963	40.677	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37231	43.888	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	133999	42.862	ug/l	99
94) Hexachlorobutadiene	13.78	225	66525	41.670	ug/l	99
95) Naphthalene	13.83	128	440470	43.306	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	132795	41.905	ug/l	98

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

