

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007666.D
 Acq On : 25 Feb 2019 11:34
 Operator : JC/SP
 Sample : VSTDICC100
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:39 PM

Quant Time: Feb 25 11:59:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 25 11:48:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	345935	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	554544	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	510749	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	282461	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	422680	99.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	198.20%	
35) Dibromofluoromethane	5.50	113	363206	97.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	194.06%	
50) Toluene-d8	8.71	98	1407030	99.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.84%	
62) 4-Bromofluorobenzene	11.13	95	549063	112.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	225.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	317792	99.516	ug/l	96
3) Chloromethane	1.33	50	323702	89.518	ug/l	100
4) Vinyl Chloride	1.41	62	356110	97.274	ug/l	98
5) Bromomethane	1.64	94	227714	81.502	ug/l	97
6) Chloroethane	1.71	64	232162	98.150	ug/l	99
7) Trichlorofluoromethane	1.92	101	542927	96.697	ug/l	98
8) Diethyl Ether	2.19	74	218831	94.371	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	316148	91.451	ug/l	93
10) Methyl Iodide	2.51	142	441409	109.423	ug/l	97
11) Tert butyl alcohol	3.09	59	394816	489.491	ug/l	99
12) 1,1-Dichloroethene	2.37	96	301629	99.819	ug/l	96
13) Acrolein	2.30	56	354454	487.945	ug/l	100
14) Allyl chloride	2.73	41	559071	100.755	ug/l	98
15) Acrylonitrile	3.15	53	940800	490.039	ug/l	99
16) Acetone	2.45	43	888666	450.821	ug/l	99
17) Carbon Disulfide	2.57	76	862820	104.508	ug/l	100
18) Methyl Acetate	2.78	43	405529	96.737	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	1047621	99.791	ug/l	98
20) Methylene Chloride	2.85	84	326382	89.522	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	321106	96.717	ug/l	93
22) Diisopropyl ether	3.87	45	1206359	106.773	ug/l	99
23) Vinyl Acetate	3.83	43	5359446	545.198	ug/l	99
24) 1,1-Dichloroethane	3.70	63	621118	97.598	ug/l	99
25) 2-Butanone	4.70	43	1463008	506.905	ug/l	97
26) 2,2-Dichloropropane	4.59	77	507035	101.336	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	402790	94.712	ug/l	96
28) Bromochloromethane	5.02	49	303781	97.895	ug/l	87
29) Tetrahydrofuran	5.15	42	975880	520.018	ug/l	98
30) Chloroform	5.22	83	664664	97.977	ug/l	100
31) Cyclohexane	5.57	56	602119	101.995	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	571983	103.937	ug/l	97
36) 1,1-Dichloropropene	5.80	75	503954	102.031	ug/l	97
37) Ethyl Acetate	4.86	43	560272	102.766	ug/l	99
38) Carbon Tetrachloride	5.78	117	509811	103.202	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	630929	100.169	ug/l	96
40) Benzene	6.14	78	1528325	99.213	ug/l	100
41) Methacrylonitrile	5.06	41	313925	110.026	ug/l	98
42) 1,2-Dichloroethane	6.20	62	523138	102.530	ug/l	99
43) Isopropyl Acetate	6.46	43	909073	111.134	ug/l	99
44) Trichloroethene	7.21	130	408904	95.099	ug/l	94
45) 1,2-Dichloropropane	7.52	63	390136	97.648	ug/l	98
46) Dibromomethane	7.66	93	268640	95.152	ug/l	89
47) Bromodichloromethane	7.90	83	510486	109.861	ug/l	99
48) Methyl methacrylate	7.77	41	462162	106.155	ug/l	97
49) 1,4-Dioxane	7.76	88	191894	1999.128	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	3007543	549.079	ug/l	100
52) Toluene	8.79	92	986741	103.238	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	601912	124.286	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	635587	114.749	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	399645	98.930	ug/l	98
56) Ethyl methacrylate	9.18	69	630616	116.918	ug/l	99
57) 1,3-Dichloropropane	9.37	76	655612	102.227	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	1646568	532.746	ug/l	96
59) 2-Hexanone	9.50	43	2405275	565.663	ug/l	99
60) Dibromochloromethane	9.59	129	426217	116.553	ug/l	98
61) 1,2-Dibromoethane	9.67	107	428115	103.572	ug/l	99
64) Tetrachloroethene	9.34	164	394170	91.990	ug/l	97
65) Chlorobenzene	10.14	112	1065719	95.210	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	381500	99.105	ug/l	98
67) Ethyl Benzene	10.25	91	1872228	103.701	ug/l	99
68) m/p-Xylenes	10.36	106	1468839	209.889	ug/l	94
69) o-Xylene	10.70	106	720949	108.446	ug/l	95
70) Styrene	10.71	104	1215154	113.355	ug/l	97
71) Bromoform	10.86	173	320118	119.925	ug/l	99
73) Isopropylbenzene	11.02	105	1959561	95.667	ug/l	100
74) N-amyl acetate	10.90	43	926131	110.024	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	652485	91.165	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	637360m	109.073	ug/l	
77) Bromobenzene	11.26	156	476174	91.707	ug/l	84
78) n-propylbenzene	11.36	91	2293745	100.830	ug/l	97
79) 2-Chlorotoluene	11.42	91	1346346	97.314	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	1653022	99.301	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	226272	123.987	ug/l	93
82) 4-Chlorotoluene	11.51	91	1631049	102.350	ug/l	96
83) tert-Butylbenzene	11.77	119	1590891	100.009	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1703851	100.522	ug/l	97
85) sec-Butylbenzene	11.94	105	1998284	100.243	ug/l	97
86) p-Isopropyltoluene	12.07	119	1762331	101.390	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	894799	93.354	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	916731	93.274	ug/l	97
89) n-Butylbenzene	12.39	91	1649247	109.453	ug/l	98
90) Hexachloroethane	12.60	117	301449	104.373	ug/l	83
91) 1,2-Dichlorobenzene	12.39	146	882758	91.371	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	149557	98.806	ug/l	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	563017	98.597	ug/l	98
94) Hexachlorobutadiene	13.78	225	241081	88.499	ug/l	99
95) Naphthalene	13.83	128	1917124	105.679	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	554278	95.197	ug/l	98

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

