

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061919\
 Data File : VX010347.D
 Acq On : 19 Jun 2019 13:51
 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
 6/20/2019 1:23:33 PM

Quant Time: Jun 20 03:27:18 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:08:25 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	299011	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	444982	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415107	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208539	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	273326	93.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	187.66%	
35) Dibromofluoromethane	5.50	113	270589	97.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	195.94%	
50) Toluene-d8	8.71	98	1037826	100.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	200.16%	
62) 4-Bromofluorobenzene	11.13	95	382730	99.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	199.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	204387	78.912	ug/l	99
3) Chloromethane	1.32	50	236289	88.594	ug/l	100
4) Vinyl Chloride	1.41	62	254655	99.578	ug/l	99
5) Bromomethane	1.64	94	116036	113.826	ug/l	100
6) Chloroethane	1.71	64	144840	110.480	ug/l	100
7) Trichlorofluoromethane	1.92	101	414621	106.988	ug/l	99
8) Diethyl Ether	2.19	74	146352	108.087	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	244552	93.510	ug/l	100
10) Methyl Iodide	2.51	142	388825	97.295	ug/l	99
11) Tert butyl alcohol	3.06	59	340226	477.325	ug/l	100
12) 1,1-Dichloroethene	2.37	96	252930	94.590	ug/l	99
13) Acrolein	2.29	56	237469	1228.995	ug/l	99
14) Allyl chloride	2.73	41	373674	93.050	ug/l	100
15) Acrylonitrile	3.15	53	727671	497.466	ug/l	99
16) Acetone	2.45	43	712064	509.861	ug/l	100
17) Carbon Disulfide	2.56	76	688338	89.778	ug/l	99
18) Methyl Acetate	2.78	43	275084	91.687	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	807891	94.236	ug/l	99
20) Methylene Chloride	2.85	84	285709	95.087	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	270820	91.677	ug/l	98
22) Diisopropyl ether	3.85	45	762482	98.684	ug/l	98
23) Vinyl Acetate	3.82	43	3435903	498.359	ug/l	100
24) 1,1-Dichloroethane	3.70	63	442268	94.400	ug/l	100
25) 2-Butanone	4.68	43	1056119	513.467	ug/l	98
26) 2,2-Dichloropropane	4.58	77	379025	89.623	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	317464	96.258	ug/l	100
28) Bromochloromethane	5.01	49	200898	95.093	ug/l	99
29) Tetrahydrofuran	5.13	42	640346	497.275	ug/l	100
30) Chloroform	5.21	83	473221	97.223	ug/l	99
31) Cyclohexane	5.58	56	402324	95.719	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	427667	93.623	ug/l	100
36) 1,1-Dichloropropene	5.80	75	352522	97.229	ug/l	99
37) Ethyl Acetate	4.84	43	375583	99.103	ug/l	100
38) Carbon Tetrachloride	5.79	117	389881	95.181	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	465589	94.635	ug/l	99
40) Benzene	6.14	78	1100824	97.964	ug/l	99
41) Methacrylonitrile	5.04	41	204687	100.172	ug/l	99
42) 1,2-Dichloroethane	6.19	62	342527	95.848	ug/l	99
43) Isopropyl Acetate	6.45	43	628794	99.659	ug/l	99
44) Trichloroethene	7.21	130	329767	97.254	ug/l	99
45) 1,2-Dichloropropane	7.51	63	277380	98.628	ug/l	99
46) Dibromomethane	7.66	93	202786	96.164	ug/l	98
47) Bromodichloromethane	7.90	83	381936	97.556	ug/l	100
48) Methyl methacrylate	7.77	41	297283	101.097	ug/l	99
49) 1,4-Dioxane	7.74	88	159498	1895.967	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1948082	514.177	ug/l	100
52) Toluene	8.79	92	727707	98.242	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	434653	96.530	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	472303	97.381	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	305811	100.919	ug/l	100
56) Ethyl methacrylate	9.18	69	475715	99.994	ug/l	99
57) 1,3-Dichloropropane	9.37	76	470962	98.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1105638	492.294	ug/l	100
59) 2-Hexanone	9.49	43	1532620	506.701	ug/l	99
60) Dibromochloromethane	9.58	129	358796	100.743	ug/l	100
61) 1,2-Dibromoethane	9.67	107	331939	98.613	ug/l	99
64) Tetrachloroethene	9.34	164	310481	98.973	ug/l	98
65) Chlorobenzene	10.14	112	833419	97.284	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	318499	97.021	ug/l	99
67) Ethyl Benzene	10.25	91	1413773	96.909	ug/l	99
68) m/p-Xylenes	10.36	106	1097816	194.270	ug/l	100
69) o-Xylene	10.69	106	534728	95.376	ug/l	100
70) Styrene	10.71	104	929859	98.071	ug/l	100
71) Bromoform	10.86	173	290062	96.467	ug/l	99
73) Isopropylbenzene	11.02	105	1421383	98.003	ug/l	100
74) N-amyl acetate	10.90	43	561424	97.957	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	463833	93.593	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	376427m	91.057	ug/l	
77) Bromobenzene	11.26	156	389444	97.413	ug/l	98
78) n-propylbenzene	11.36	91	1609797	99.664	ug/l	100
79) 2-Chlorotoluene	11.42	91	932944	96.417	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	1185478	96.880	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	173977	94.219	ug/l	99
82) 4-Chlorotoluene	11.51	91	1076475	97.906	ug/l	100
83) tert-Butylbenzene	11.77	119	1202874	97.409	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1189081	96.180	ug/l	99
85) sec-Butylbenzene	11.94	105	1400349	97.146	ug/l	99
86) p-Isopropyltoluene	12.06	119	1293251	98.001	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	682666	97.130	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	681105	95.798	ug/l	100
89) n-Butylbenzene	12.38	91	1130191	99.590	ug/l	100
90) Hexachloroethane	12.60	117	243976	94.157	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	662554	96.581	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	104120	90.451	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	481508	95.988	ug/l	99
94) Hexachlorobutadiene	13.78	225	228372	100.833	ug/l	99
95) Naphthalene	13.83	128	1520029	96.651	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	479547	96.503	ug/l	99

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

