

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008230.D
 Acq On : 20 Mar 2019 09:51
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 2:50:33 PM

Quant Time: Mar 22 05:59:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	333392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	529340	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	474401	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	224093	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	220562	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
35) Dibromofluoromethane	5.49	113	166020	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
50) Toluene-d8	8.71	98	644789	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	
62) 4-Bromofluorobenzene	11.13	95	233310	50.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	209336	51.790	ug/l	99
3) Chloromethane	1.33	50	231011	45.547	ug/l	97
4) Vinyl Chloride	1.41	62	238708	47.204	ug/l	100
5) Bromomethane	1.64	94	198144	45.998	ug/l	100
6) Chloroethane	1.72	64	143153	45.149	ug/l	100
7) Trichlorofluoromethane	1.93	101	296418	45.930	ug/l	99
8) Diethyl Ether	2.19	74	164562	49.561	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	232484	54.258	ug/l	91
10) Methyl Iodide	2.51	142	285635	52.355	ug/l	97
11) Tert butyl alcohol	3.04	59	258951	240.905	ug/l	98
12) 1,1-Dichloroethene	2.37	96	218866	54.105	ug/l	91
13) Acrolein	2.29	56	175348	230.878	ug/l	100
14) Allyl chloride	2.73	41	445370	50.576	ug/l	94
15) Acrylonitrile	3.14	53	701574	246.759	ug/l	99
16) Acetone	2.44	43	811860	285.080	ug/l	97
17) Carbon Disulfide	2.57	76	633135	47.977	ug/l	100
18) Methyl Acetate	2.77	43	338951	51.411	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	745521	50.971	ug/l	98
20) Methylene Chloride	2.85	84	230775	48.596	ug/l	91
21) trans-1,2-Dichloroethene	3.17	96	215315	49.270	ug/l	92
22) Diisopropyl ether	3.85	45	876738	50.836	ug/l #	88
23) Vinyl Acetate	3.81	43	3832773	259.212	ug/l	98
24) 1,1-Dichloroethane	3.70	63	446822	50.373	ug/l	99
25) 2-Butanone	4.67	43	1107928	263.554	ug/l	98
26) 2,2-Dichloropropane	4.59	77	346703	51.885	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	248690	49.919	ug/l	91
28) Bromochloromethane	5.01	49	189979	47.697	ug/l	83
29) Tetrahydrofuran	5.13	42	671658	255.585	ug/l	97
30) Chloroform	5.21	83	421709	50.825	ug/l	100
31) Cyclohexane	5.58	56	440359	52.868	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	355169	51.457	ug/l	96
36) 1,1-Dichloropropene	5.80	75	332235	53.909	ug/l	97
37) Ethyl Acetate	4.83	43	392638	53.895	ug/l	98
38) Carbon Tetrachloride	5.79	117	299229	54.493	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	418132	56.379	ug/l	92
40) Benzene	6.14	78	969222	53.135	ug/l	99
41) Methacrylonitrile	5.04	41	221962	54.316	ug/l	97
42) 1,2-Dichloroethane	6.19	62	350451	52.446	ug/l	96
43) Isopropyl Acetate	6.44	43	636492	54.506	ug/l	97
44) Trichloroethene	7.21	130	236493	53.024	ug/l	91
45) 1,2-Dichloropropane	7.51	63	269177	52.714	ug/l	99
46) Dibromomethane	7.66	93	160624	51.953	ug/l	87
47) Bromodichloromethane	7.90	83	319780	54.272	ug/l	100
48) Methyl methacrylate	7.77	41	337412	54.342	ug/l	94
49) 1,4-Dioxane	7.74	88	109521	999.567	ug/l	91
51) 4-Methyl-2-Pentanone	8.64	43	2040060	270.231	ug/l	98
52) Toluene	8.78	92	584551	54.017	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	371593	50.348	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	403532	55.184	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	237719	54.369	ug/l	98
56) Ethyl methacrylate	9.18	69	395822	51.594	ug/l #	91
57) 1,3-Dichloropropane	9.37	76	421236	54.461	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	847981	236.710	ug/l	94
59) 2-Hexanone	9.49	43	1576599	271.263	ug/l	96
60) Dibromochloromethane	9.58	129	237731	56.576	ug/l	98
61) 1,2-Dibromoethane	9.67	107	247979	54.317	ug/l	98
64) Tetrachloroethene	9.34	164	233031	54.447	ug/l	96
65) Chlorobenzene	10.13	112	616873	52.846	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	222446	54.656	ug/l	98
67) Ethyl Benzene	10.25	91	1120466	54.470	ug/l	97
68) m/p-Xylenes	10.36	106	833014	110.241	ug/l	94
69) o-Xylene	10.69	106	402931	54.877	ug/l	95
70) Styrene	10.71	104	660723	55.371	ug/l	96
71) Bromoform	10.85	173	175569	50.063	ug/l #	99
73) Isopropylbenzene	11.02	105	1083766	54.257	ug/l	99
74) N-amyl acetate	10.90	43	549002	52.459	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	359265	50.159	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	375401m	59.560	ug/l	
77) Bromobenzene	11.26	156	256063	53.020	ug/l	87
78) n-propylbenzene	11.36	91	1283530	55.325	ug/l	96
79) 2-Chlorotoluene	11.42	91	738278	53.020	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	901933	54.655	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	120852	48.913	ug/l	94
82) 4-Chlorotoluene	11.51	91	867446	53.534	ug/l	95
83) tert-Butylbenzene	11.77	119	854437	54.232	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	907755	54.260	ug/l	98
85) sec-Butylbenzene	11.94	105	1077267	55.214	ug/l	97
86) p-Isopropyltoluene	12.06	119	936264	55.437	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	458963	53.176	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	461100	51.648	ug/l	98
89) n-Butylbenzene	12.38	91	888932	56.080	ug/l	97
90) Hexachloroethane	12.60	117	160541	55.815	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	452030	51.942	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	79145	49.750	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	309277	53.954	ug/l	99
94) Hexachlorobutadiene	13.78	225	155028	55.453	ug/l	99
95) Naphthalene	13.83	128	962494	53.199	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	304090	53.913	ug/l	98

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

