

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032919\
 Data File : VX008536.D
 Acq On : 29 Mar 2019 10:37
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 3/30/2019 9:50:17 AM

Quant Time: Mar 29 23:52:09 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 07:57:20 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	193028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	319284	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	286803	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	139428	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	151621	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
35) Dibromofluoromethane	5.49	113	112352	53.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.94%	
50) Toluene-d8	8.71	98	459830	55.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.48%	
62) 4-Bromofluorobenzene	11.13	95	173519	56.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	112.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	109088	47.945	ug/l	99
3) Chloromethane	1.32	50	141757	49.362	ug/l	99
4) Vinyl Chloride	1.41	62	148626	46.784	ug/l	100
5) Bromomethane	1.64	94	70929	42.809	ug/l	99
6) Chloroethane	1.71	64	90296	47.979	ug/l	100
7) Trichlorofluoromethane	1.92	101	173051	48.097	ug/l	100
8) Diethyl Ether	2.18	74	81617	47.932	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112659	51.810	ug/l	98
10) Methyl Iodide	2.51	142	94287	45.013	ug/l	99
11) Tert butyl alcohol	3.05	59	164641	253.936	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108561	48.342	ug/l	99
13) Acrolein	2.29	56	147085	312.394	ug/l	99
14) Allyl chloride	2.72	41	256275	51.800	ug/l	99
15) Acrylonitrile	3.14	53	425445	250.246	ug/l	100
16) Acetone	2.44	43	404665	264.578	ug/l	100
17) Carbon Disulfide	2.57	76	327232	50.794	ug/l	99
18) Methyl Acetate	2.77	43	184877	50.329	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	427087	52.776	ug/l	100
20) Methylene Chloride	2.85	84	134581	53.965	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	119853	53.581	ug/l	93
22) Diisopropyl ether	3.85	45	509012	52.251	ug/l	93
23) Vinyl Acetate	3.81	43	2241294	263.710	ug/l	99
24) 1,1-Dichloroethane	3.69	63	251741	51.186	ug/l	100
25) 2-Butanone	4.67	43	640462	261.198	ug/l	99
26) 2,2-Dichloropropane	4.58	77	185289	56.643	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	141992	51.708	ug/l	100
28) Bromochloromethane	5.01	49	123443	50.804	ug/l	100
29) Tetrahydrofuran	5.12	42	402359	248.975	ug/l	99
30) Chloroform	5.21	83	229361	51.676	ug/l	100
31) Cyclohexane	5.57	56	245103	52.254	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	187730	52.915	ug/l	99
36) 1,1-Dichloropropene	5.80	75	181414	53.290	ug/l	99
37) Ethyl Acetate	4.83	43	235001	53.286	ug/l	99
38) Carbon Tetrachloride	5.78	117	156434	55.063	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231698	56.951	ug/l	100
40) Benzene	6.14	78	543801	53.358	ug/l	99
41) Methacrylonitrile	5.04	41	132420	53.430	ug/l	100
42) 1,2-Dichloroethane	6.19	62	193799	51.937	ug/l	100
43) Isopropyl Acetate	6.44	43	385995	54.719	ug/l	100
44) Trichloroethene	7.21	130	127275	53.187	ug/l	95
45) 1,2-Dichloropropane	7.51	63	157443	54.350	ug/l	99
46) Dibromomethane	7.66	93	89153	52.703	ug/l	99
47) Bromodichloromethane	7.90	83	181127	55.941	ug/l	97
48) Methyl methacrylate	7.77	41	195332	55.341	ug/l	99
49) 1,4-Dioxane	7.74	88	70052	998.172	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	1260498	275.116	ug/l	100
52) Toluene	8.78	92	331469	54.394	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	208961	58.921	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	230264	57.098	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	134569	54.249	ug/l	99
56) Ethyl methacrylate	9.18	69	252016	56.283	ug/l	100
57) 1,3-Dichloropropane	9.37	76	237092	53.309	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	661631	285.852	ug/l	99
59) 2-Hexanone	9.49	43	969575	273.108	ug/l	99
60) Dibromochloromethane	9.58	129	133683	56.667	ug/l	99
61) 1,2-Dibromoethane	9.67	107	137443	54.293	ug/l	100
64) Tetrachloroethene	9.34	164	109752	56.525	ug/l	97
65) Chlorobenzene	10.13	112	345554	55.403	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	121302	56.371	ug/l	99
67) Ethyl Benzene	10.25	91	650940	55.299	ug/l	100
68) m/p-Xylenes	10.36	106	476900	111.365	ug/l	99
69) o-Xylene	10.69	106	230343	55.428	ug/l	99
70) Styrene	10.71	104	409199	57.005	ug/l	99
71) Bromoform	10.85	173	98867	58.178	ug/l #	100
73) Isopropylbenzene	11.02	105	619535	54.618	ug/l	100
74) N-amyl acetate	10.90	43	352614	53.707	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	223175	50.709	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	193261m	46.624	ug/l	
77) Bromobenzene	11.26	156	146944	53.376	ug/l	100
78) n-propylbenzene	11.36	91	741232	55.783	ug/l	100
79) 2-Chlorotoluene	11.42	91	435894	53.933	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	528097	55.069	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	76322	58.973	ug/l	98
82) 4-Chlorotoluene	11.51	91	504888	54.157	ug/l	99
83) tert-Butylbenzene	11.77	119	507031	54.801	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	534794	55.136	ug/l	99
85) sec-Butylbenzene	11.94	105	616920	55.992	ug/l	99
86) p-Isopropyltoluene	12.06	119	561419	57.746	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	268762	54.640	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	268813	54.151	ug/l	99
89) n-Butylbenzene	12.38	91	543210	58.981	ug/l	99
90) Hexachloroethane	12.60	117	93721	57.864	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	260490	52.883	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47389	49.382	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	188676	56.893	ug/l	100
94) Hexachlorobutadiene	13.78	225	92360	58.653	ug/l	99
95) Naphthalene	13.83	128	606663	53.358	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	183382	55.030	ug/l	98

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

