

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003022.D
 Acq On : 29 Jun 2018 12:00
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:15:18 PM

Quant Time: Jun 29 15:10:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	298390	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	398004	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381791	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	244898	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	198516	48.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.26%	
35) Dibromofluoromethane	5.51	113	164867	52.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.62%	
50) Toluene-d8	8.72	98	593593	51.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.14%	
62) 4-Bromofluorobenzene	11.14	95	232665	52.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	158812	59.67	ug/l	99
3) Chloromethane	1.32	50	149264	54.06	ug/l	100
4) Vinyl Chloride	1.40	62	166197	49.25	ug/l	96
5) Bromomethane	1.64	94	83663	53.29	ug/l	100
6) Chloroethane	1.72	64	105580	53.48	ug/l	100
7) Trichlorofluoromethane	1.93	101	266950	46.90	ug/l	98
8) Diethyl Ether	2.19	74	94047	45.45	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	153708	46.60	ug/l	99
10) Methyl Iodide	2.51	142	152321	46.09	ug/l	100
11) Tert butyl alcohol	3.07	59	170930	208.04	ug/l	99
12) 1,1-Dichloroethene	2.37	96	136919	46.53	ug/l	94
13) Acrolein	2.29	56	99390	218.74	ug/l	98
14) Allyl chloride	2.73	41	270304	46.60	ug/l	97
15) Acrylonitrile	3.15	53	390449	222.49	ug/l	99
16) Acetone	2.45	43	441229	258.33	ug/l	98
17) Carbon Disulfide	2.57	76	378757	48.31	ug/l	98
18) Methyl Acetate	2.78	43	188573	39.49	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	482868	45.64	ug/l	99
20) Methylene Chloride	2.86	84	149309	44.92	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	144955	45.22	ug/l	96
22) Diisopropyl ether	3.87	45	505029	45.55	ug/l	98
23) Vinyl Acetate	3.82	43	2242937	238.88	ug/l	99
24) 1,1-Dichloroethane	3.70	63	274245	45.50	ug/l	99
25) 2-Butanone	4.71	43	614692	242.50	ug/l	97
26) 2,2-Dichloropropane	4.59	77	237584	48.48	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	169130	47.06	ug/l	95
28) Bromochloromethane	5.02	49	142043	49.24	ug/l	92
29) Tetrahydrofuran	5.16	42	369625	227.39	ug/l	97
30) Chloroform	5.21	83	290036	46.89	ug/l	99
31) Cyclohexane	5.57	56	246392	47.64	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	257944	47.40	ug/l	99
36) 1,1-Dichloropropene	5.80	75	216448	49.59	ug/l	99
37) Ethyl Acetate	4.86	43	228864	48.70	ug/l	99
38) Carbon Tetrachloride	5.78	117	234811	49.02	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	248215	48.82	ug/l	96
40) Benzene	6.15	78	623892	49.20	ug/l	100
41) Methacrylonitrile	5.06	41	129952	48.02	ug/l	98
42) 1,2-Dichloroethane	6.20	62	236885	46.24	ug/l	99
43) Isopropyl Acetate	6.46	43	377048	47.84	ug/l	99
44) Trichloroethene	7.21	130	185859	49.16	ug/l	100
45) 1,2-Dichloropropane	7.52	63	159272	47.35	ug/l	98
46) Dibromomethane	7.67	93	111177	47.62	ug/l	96
47) Bromodichloromethane	7.90	83	216698	50.21	ug/l	98
48) Methyl methacrylate	7.78	41	195182	48.06	ug/l	96
49) 1,4-Dioxane	7.76	88	71940	910.52	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1189425	241.21	ug/l	98
52) Toluene	8.79	92	404066	49.74	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	253777	51.92	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	239050	50.83	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	163803	49.07	ug/l	99
56) Ethyl methacrylate	9.18	69	248272	50.89	ug/l	95
57) 1,3-Dichloropropane	9.37	76	267583	48.80	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	577635	245.40	ug/l	98
59) 2-Hexanone	9.50	43	937838	250.24	ug/l	97
60) Dibromochloromethane	9.59	129	177337	50.46	ug/l	99
61) 1,2-Dibromoethane	9.68	107	175262	50.05	ug/l	99
64) Tetrachloroethene	9.34	164	205303	48.36	ug/l	96
65) Chlorobenzene	10.14	112	466143	48.07	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	172733	49.03	ug/l	99
67) Ethyl Benzene	10.26	91	794615	49.60	ug/l	100
68) m/p-Xylenes	10.36	106	621352	100.64	ug/l	98
69) o-Xylene	10.70	106	300717	50.02	ug/l	98
70) Styrene	10.71	104	503736	51.57	ug/l	99
71) Bromoform	10.86	173	139655	44.35	ug/l	100
73) Isopropylbenzene	11.02	105	810288	49.18	ug/l	99
74) N-amyl acetate	6.46	43	377048	46.77	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	243867	48.05	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	213346m	48.09	ug/l	
77) Bromobenzene	11.26	156	226815	48.34	ug/l	97
78) n-propylbenzene	11.36	91	924340	49.29	ug/l	99
79) 2-Chlorotoluene	11.42	91	549160	48.37	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	679922	49.00	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	67380	44.47	ug/l	100
82) 4-Chlorotoluene	11.51	91	652821	48.57	ug/l	99
83) tert-Butylbenzene	11.77	119	667262	48.79	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	702667	48.87	ug/l	99
85) sec-Butylbenzene	11.95	105	791243	47.69	ug/l	99
86) p-Isopropyltoluene	12.07	119	726145	48.68	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	415211	48.46	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	421265	47.77	ug/l	99
89) n-Butylbenzene	12.39	91	638820	49.21	ug/l	99
90) Hexachloroethane	12.60	117	100690	45.39	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	414510	47.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53219	46.65	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	308144	48.96	ug/l	100
94) Hexachlorobutadiene	13.79	225	155978	49.69	ug/l	99
95) Naphthalene	13.83	128	851754	50.81	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	305631	48.61	ug/l	100

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

