

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003044.D
 Acq On : 29 Jun 2018 22:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 7/2/2018 4:15:33 PM

Quant Time: Jun 30 03:07:54 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	274466	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	374170	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	227062	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	187204	49.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.70%	
35) Dibromofluoromethane	5.51	113	154819	52.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.50%	
50) Toluene-d8	8.72	98	548110	50.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.32%	
62) 4-Bromofluorobenzene	11.14	95	210774	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	149502	61.07	ug/l	97
3) Chloromethane	1.32	50	149493	58.97	ug/l	98
4) Vinyl Chloride	1.40	62	163459	52.66	ug/l	97
5) Bromomethane	1.64	94	74745	51.68	ug/l	100
6) Chloroethane	1.72	64	102011	56.28	ug/l	99
7) Trichlorofluoromethane	1.92	101	256629	49.01	ug/l	98
8) Diethyl Ether	2.19	74	91285	47.96	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	143785	47.39	ug/l	98
10) Methyl Iodide	2.51	142	148012	48.34	ug/l	98
11) Tert butyl alcohol	3.09	59	181502	240.17	ug/l	100
12) 1,1-Dichloroethene	2.37	96	132241	48.85	ug/l	96
13) Acrolein	2.30	56	95867	229.17	ug/l	98
14) Allyl chloride	2.73	41	254249	47.65	ug/l	96
15) Acrylonitrile	3.15	53	409826	253.89	ug/l	99
16) Acetone	2.45	43	372683	237.22	ug/l	96
17) Carbon Disulfide	2.57	76	357343	49.55	ug/l	98
18) Methyl Acetate	2.78	43	198533	45.20	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	463856	47.67	ug/l	99
20) Methylene Chloride	2.86	84	147230	48.16	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139930	47.46	ug/l	93
22) Diisopropyl ether	3.88	45	507558	49.76	ug/l	98
23) Vinyl Acetate	3.83	43	2224432	257.56	ug/l	99
24) 1,1-Dichloroethane	3.70	63	269697	48.65	ug/l	99
25) 2-Butanone	4.71	43	609469	261.39	ug/l	99
26) 2,2-Dichloropropane	4.59	77	166274	36.89	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	166455	50.36	ug/l	91
28) Bromochloromethane	5.02	49	131356	49.50	ug/l	92
29) Tetrahydrofuran	5.17	42	395194	264.31	ug/l	97
30) Chloroform	5.22	83	287166	50.48	ug/l	97
31) Cyclohexane	5.57	56	236780	49.77	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	255162	50.98	ug/l	98
36) 1,1-Dichloropropene	5.80	75	206642	50.36	ug/l	99
37) Ethyl Acetate	4.87	43	236866	53.61	ug/l	99
38) Carbon Tetrachloride	5.78	117	230104	51.10	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227222	47.54	ug/l	98
40) Benzene	6.15	78	611784	51.31	ug/l	100
41) Methacrylonitrile	5.07	41	133171	52.35	ug/l	98
42) 1,2-Dichloroethane	6.20	62	234063	48.60	ug/l	99
43) Isopropyl Acetate	6.47	43	370881	50.05	ug/l	98
44) Trichloroethene	7.21	130	180249	50.71	ug/l	100
45) 1,2-Dichloropropane	7.52	63	161692	51.13	ug/l	99
46) Dibromomethane	7.67	93	110322	50.27	ug/l	96
47) Bromodichloromethane	7.90	83	213070	52.51	ug/l	98
48) Methyl methacrylate	7.78	41	196230	51.40	ug/l	96
49) 1,4-Dioxane	7.76	88	80157	1079.15	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1234722	266.34	ug/l	98
52) Toluene	8.79	92	392869	51.44	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234810	51.10	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	217415	49.17	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	162814	51.88	ug/l	98
56) Ethyl methacrylate	9.18	69	244437	53.29	ug/l	95
57) 1,3-Dichloropropane	9.38	76	264362	51.29	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	580760	262.45	ug/l	98
59) 2-Hexanone	9.50	43	944651	268.12	ug/l	97
60) Dibromochloromethane	9.59	129	176474	53.41	ug/l	99
61) 1,2-Dibromoethane	9.68	107	171822	52.19	ug/l	100
64) Tetrachloroethene	9.34	164	201319	50.29	ug/l	97
65) Chlorobenzene	10.14	112	452673	49.50	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	171508	51.63	ug/l	99
67) Ethyl Benzene	10.26	91	766886	50.77	ug/l	99
68) m/p-Xylenes	10.36	106	599577	102.99	ug/l	100
69) o-Xylene	10.70	106	291083	51.35	ug/l	98
70) Styrene	10.71	104	490229	53.22	ug/l	99
71) Bromoform	10.86	173	139535	46.76	ug/l	99
73) Isopropylbenzene	11.02	105	781697	51.17	ug/l	99
74) N-amyl acetate	6.47	43	370881	49.62	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	241802	51.39	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	212472m	51.66	ug/l	
77) Bromobenzene	11.26	156	218557	50.24	ug/l	97
78) n-propylbenzene	11.37	91	882404	50.75	ug/l	99
79) 2-Chlorotoluene	11.43	91	531372	50.48	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	656003	50.99	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60838	43.39	ug/l	100
82) 4-Chlorotoluene	11.51	91	626821	50.30	ug/l	99
83) tert-Butylbenzene	11.77	119	640726	50.53	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	682076	51.17	ug/l	99
85) sec-Butylbenzene	11.95	105	762057	49.54	ug/l	99
86) p-Isopropyltoluene	12.07	119	690793	49.95	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	396397	49.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	400152	48.94	ug/l	99
89) n-Butylbenzene	12.39	91	572863	47.59	ug/l	98
90) Hexachloroethane	12.60	117	101248	49.22	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	402433	50.19	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	55406	52.38	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	288526	49.44	ug/l	99
94) Hexachlorobutadiene	13.79	225	140071	48.12	ug/l	99
95) Naphthalene	13.83	128	837474	53.88	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	291969	50.09	ug/l	99

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

