

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062118\
 Data File : VX002802.D
 Acq On : 21 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 6/22/2018 1:59:33 PM

Quant Time: Jun 22 02:17:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	234975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	325334	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	317258	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	201887	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159573	44.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.38%	
35) Dibromofluoromethane	5.51	113	128214	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
50) Toluene-d8	8.72	98	457151	46.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.74%	
62) 4-Bromofluorobenzene	11.14	95	182040	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	119102	47.75	ug/l	98
3) Chloromethane	1.32	50	125517	42.30	ug/l	100
4) Vinyl Chloride	1.40	62	136652	44.38	ug/l	97
5) Bromomethane	1.64	94	57505	30.95	ug/l	98
6) Chloroethane	1.72	64	88895	43.80	ug/l	97
7) Trichlorofluoromethane	1.92	101	235128	47.00	ug/l	99
8) Diethyl Ether	2.19	74	83256	43.76	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	134022	47.93	ug/l	99
10) Methyl Iodide	2.51	142	124423	34.73	ug/l	99
11) Tert butyl alcohol	3.09	59	175372	237.58	ug/l	98
12) 1,1-Dichloroethene	2.37	96	117170	44.63	ug/l	99
13) Acrolein	2.29	56	83641	241.93	ug/l	100
14) Allyl chloride	2.73	41	234936	45.07	ug/l	100
15) Acrylonitrile	3.15	53	377064	234.09	ug/l	100
16) Acetone	2.45	43	358965	227.86	ug/l	100
17) Carbon Disulfide	2.57	76	306694	49.25	ug/l	98
18) Methyl Acetate	2.78	43	215853	51.43	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	438374	44.51	ug/l	100
20) Methylene Chloride	2.86	84	134324	41.58	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	127061	44.61	ug/l	99
22) Diisopropyl ether	3.87	45	440344	46.69	ug/l	94
23) Vinyl Acetate	3.83	43	1890549	239.49	ug/l	99
24) 1,1-Dichloroethane	3.70	63	249267	48.69	ug/l	100
25) 2-Butanone	4.71	43	530922	256.62	ug/l	98
26) 2,2-Dichloropropane	4.59	77	152566	41.48	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	140746	48.56	ug/l	97
28) Bromochloromethane	5.03	49	106617	44.47	ug/l	95
29) Tetrahydrofuran	5.17	42	342552	252.64	ug/l	97
30) Chloroform	5.22	83	251032	50.85	ug/l	99
31) Cyclohexane	5.57	56	208069	49.37	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	220889	53.50	ug/l	99
36) 1,1-Dichloropropene	5.80	75	177480	51.37	ug/l	99
37) Ethyl Acetate	4.87	43	205433	52.53	ug/l	99
38) Carbon Tetrachloride	5.78	117	200384	58.24	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	209382	51.84	ug/l	98
40) Benzene	6.15	78	526232	50.79	ug/l	99
41) Methacrylonitrile	5.07	41	116693	52.85	ug/l	98
42) 1,2-Dichloroethane	6.20	62	210207	52.41	ug/l	100
43) Isopropyl Acetate	6.47	43	331570	51.17	ug/l	99
44) Trichloroethene	7.21	130	153429	51.31	ug/l	98
45) 1,2-Dichloropropane	7.52	63	141776	51.99	ug/l	100
46) Dibromomethane	7.67	93	97883	53.66	ug/l	99
47) Bromodichloromethane	7.90	83	186933	58.11	ug/l	99
48) Methyl methacrylate	7.78	41	175784	53.09	ug/l	98
49) 1,4-Dioxane	7.76	88	71633	1142.38	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1121896	269.66	ug/l	99
52) Toluene	8.79	92	345493	52.28	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	208055	48.91	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	194253	47.96	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	143770	53.84	ug/l	99
56) Ethyl methacrylate	9.18	69	218719	53.22	ug/l	98
57) 1,3-Dichloropropane	9.38	76	237142	52.50	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	446644	224.70	ug/l	98
59) 2-Hexanone	9.50	43	865271	276.01	ug/l	98
60) Dibromochloromethane	9.59	129	154038	51.18	ug/l	100
61) 1,2-Dibromoethane	9.68	107	152952	55.30	ug/l	100
64) Tetrachloroethene	9.34	164	178967	50.82	ug/l	100
65) Chlorobenzene	10.14	112	401031	51.47	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	151522	57.04	ug/l	99
67) Ethyl Benzene	10.26	91	685914	52.19	ug/l	100
68) m/p-Xylenes	10.36	106	531783	104.90	ug/l	99
69) o-Xylene	10.70	106	259312	52.06	ug/l	99
70) Styrene	10.71	104	435157	53.13	ug/l	99
71) Bromoform	10.86	173	124181	51.22	ug/l	100
73) Isopropylbenzene	11.02	105	712931	52.80	ug/l	100
74) N-amyl acetate	6.47	43	331570	49.42	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	219063	54.94	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	215777m	56.64	ug/l	
77) Bromobenzene	11.26	156	197181	52.42	ug/l	97
78) n-propylbenzene	11.37	91	805604	52.02	ug/l	99
79) 2-Chlorotoluene	11.43	91	479695	51.88	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	600363	52.61	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55087	46.58	ug/l	96
82) 4-Chlorotoluene	11.51	91	569338	52.19	ug/l	99
83) tert-Butylbenzene	11.77	119	586104	53.32	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	620704	53.31	ug/l	99
85) sec-Butylbenzene	11.95	105	713488	52.20	ug/l	100
86) p-Isopropyltoluene	12.07	119	649985	52.56	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	358447	51.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	362177	51.60	ug/l	99
89) n-Butylbenzene	12.39	91	554497	50.82	ug/l	100
90) Hexachloroethane	12.60	117	98802	51.18	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	363435	52.34	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50124	60.01	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263797	52.35	ug/l	100
94) Hexachlorobutadiene	13.79	225	134958	50.84	ug/l	98
95) Naphthalene	13.84	128	753012	55.53	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	269819	53.31	ug/l	99

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

