

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062718\
 Data File : VX002950.D
 Acq On : 27 Jun 2018 21:22
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/28/2018 4:47:56 PM

Quant Time: Jun 28 05:49:03 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	267248	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372251	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	360272	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	229500	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	185325	50.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.34%	
35) Dibromofluoromethane	5.51	113	148735	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
50) Toluene-d8	8.72	98	543122	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	
62) 4-Bromofluorobenzene	11.14	95	211059	50.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	150944	63.34	ug/l	99
3) Chloromethane	1.32	50	149878	60.75	ug/l	100
4) Vinyl Chloride	1.40	62	160523	53.11	ug/l	99
5) Bromomethane	1.64	94	62717	44.14	ug/l	99
6) Chloroethane	1.72	64	99432	56.34	ug/l	100
7) Trichlorofluoromethane	1.93	101	254344	49.89	ug/l	99
8) Diethyl Ether	2.19	74	91140	49.18	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	142010	48.07	ug/l	99
10) Methyl Iodide	2.51	142	141347	47.53	ug/l	100
11) Tert butyl alcohol	3.08	59	173373	235.61	ug/l	100
12) 1,1-Dichloroethene	2.37	96	129706	49.21	ug/l	96
13) Acrolein	2.29	56	91918	225.73	ug/l	100
14) Allyl chloride	2.73	41	250068	48.13	ug/l	98
15) Acrylonitrile	3.15	53	387711	246.67	ug/l	99
16) Acetone	2.45	43	359020	234.69	ug/l	99
17) Carbon Disulfide	2.57	76	350576	49.92	ug/l	98
18) Methyl Acetate	2.78	43	180649	42.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	459938	48.54	ug/l	99
20) Methylene Chloride	2.86	84	142364	47.82	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	139787	48.69	ug/l	99
22) Diisopropyl ether	3.87	45	493902	49.73	ug/l	95
23) Vinyl Acetate	3.83	43	2167794	257.78	ug/l	99
24) 1,1-Dichloroethane	3.70	63	264835	49.06	ug/l	99
25) 2-Butanone	4.71	43	570406	251.25	ug/l	99
26) 2,2-Dichloropropane	4.59	77	176110	40.12	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	160689	49.92	ug/l	92
28) Bromochloromethane	5.03	49	130340	50.45	ug/l	94
29) Tetrahydrofuran	5.17	42	368382	253.03	ug/l	98
30) Chloroform	5.22	83	276742	49.96	ug/l	98
31) Cyclohexane	5.58	56	239384	51.68	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	246380	50.55	ug/l	99
36) 1,1-Dichloropropene	5.80	75	203282	49.80	ug/l	99
37) Ethyl Acetate	4.87	43	223836	50.93	ug/l	99
38) Carbon Tetrachloride	5.79	117	223266	49.84	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	241223	50.73	ug/l	95
40) Benzene	6.15	78	594577	50.13	ug/l	98
41) Methacrylonitrile	5.07	41	126918	50.15	ug/l	98
42) 1,2-Dichloroethane	6.20	62	231009	48.21	ug/l	99
43) Isopropyl Acetate	6.47	43	360940	48.96	ug/l	99
44) Trichloroethene	7.22	130	173280	49.00	ug/l	99
45) 1,2-Dichloropropane	7.52	63	156276	49.67	ug/l	99
46) Dibromomethane	7.67	93	107109	49.05	ug/l	97
47) Bromodichloromethane	7.90	83	203242	50.35	ug/l	99
48) Methyl methacrylate	7.78	41	188933	49.74	ug/l	98
49) 1,4-Dioxane	7.76	88	70990	960.66	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1185386	257.02	ug/l	99
52) Toluene	8.79	92	389307	51.24	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	231822	50.71	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	215700	49.04	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	156143	50.01	ug/l	98
56) Ethyl methacrylate	9.18	69	238817	52.33	ug/l	97
57) 1,3-Dichloropropane	9.38	76	255872	49.90	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	562398	255.46	ug/l	99
59) 2-Hexanone	9.50	43	905887	258.44	ug/l	98
60) Dibromochloromethane	9.59	129	167520	50.97	ug/l	100
61) 1,2-Dibromoethane	9.68	107	165612	50.57	ug/l	99
64) Tetrachloroethene	9.34	164	197087	49.20	ug/l	97
65) Chlorobenzene	10.14	112	442517	48.36	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	164049	49.35	ug/l	100
67) Ethyl Benzene	10.26	91	764322	50.56	ug/l	100
68) m/p-Xylenes	10.36	106	592749	101.74	ug/l	100
69) o-Xylene	10.70	106	289795	51.09	ug/l	99
70) Styrene	10.71	104	483990	52.51	ug/l	99
71) Bromoform	10.86	173	131039	44.13	ug/l	99
73) Isopropylbenzene	11.02	105	787433	51.00	ug/l	100
74) N-amyl acetate	6.47	43	360940	47.78	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	230838	48.54	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	207009m	49.80	ug/l	
77) Bromobenzene	11.26	156	215186	48.94	ug/l	98
78) n-propylbenzene	11.37	91	893123	50.82	ug/l	100
79) 2-Chlorotoluene	11.42	91	529590	49.77	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	662122	50.92	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	60829	42.96	ug/l	97
82) 4-Chlorotoluene	11.51	91	623032	49.46	ug/l	99
83) tert-Butylbenzene	11.77	119	653117	50.96	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	684208	50.78	ug/l	99
85) sec-Butylbenzene	11.95	105	790334	50.84	ug/l	100
86) p-Isopropyltoluene	12.07	119	713067	51.02	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	393830	49.04	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	397825	48.14	ug/l	99
89) n-Butylbenzene	12.39	91	604367	49.68	ug/l	99
90) Hexachloroethane	12.60	117	104310	50.17	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	394460	48.67	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53930	50.44	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	290236	49.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	143475	48.77	ug/l	99
95) Naphthalene	13.84	128	813609	51.79	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	293784	49.86	ug/l	100

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

