

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060418\
 Data File : VX002273.D
 Acq On : 04 Jun 2018 21:00
 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

MMDadoda
 6/5/2018 5:56:07 PM

Quant Time: Jun 05 06:04:58 2018
 Quant Method : Y:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283802	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	414749	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	400361	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	254201	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	194223	47.70	ug/l	0.00
Spiked Amount			Recovery	=	95.40%	
35) Dibromofluoromethane	5.51	113	149164	45.73	ug/l	0.00
Spiked Amount			Recovery	=	91.46%	
50) Toluene-d8	8.72	98	581576	46.52	ug/l	0.00
Spiked Amount			Recovery	=	93.04%	
62) 4-Bromofluorobenzene	11.14	95	224180	46.50	ug/l	0.00
Spiked Amount			Recovery	=	93.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	153370	51.986	ug/l	97
3) Chloromethane	1.32	50	175737	52.109	ug/l	99
4) Vinyl Chloride	1.41	62	187729	50.489	ug/l	98
5) Bromomethane	1.64	94	107967	51.405	ug/l	99
6) Chloroethane	1.72	64	118991	49.473	ug/l	98
7) Trichlorofluoromethane	1.93	101	306647	54.129	ug/l	99
8) Diethyl Ether	2.19	74	106563	53.080	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	169013	55.285	ug/l	99
10) Methyl Iodide	2.51	142	207427	48.238	ug/l	99
11) Tert butyl alcohol	3.08	59	215485	259.854	ug/l	99
12) 1,1-Dichloroethene	2.37	96	152038	50.323	ug/l	99
13) Acrolein	2.30	56	101654	252.359	ug/l	99
14) Allyl chloride	2.73	41	305319	46.566	ug/l	99
15) Acrylonitrile	3.15	53	458032	265.792	ug/l	99
16) Acetone	2.45	43	437308	250.592	ug/l	99
17) Carbon Disulfide	2.57	76	372067	46.725	ug/l	99
18) Methyl Acetate	2.78	43	221699	54.787	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	558306	53.220	ug/l	100
20) Methylene Chloride	2.86	84	170250	53.234	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	161701	48.534	ug/l	96
22) Diisopropyl ether	3.88	45	552078	50.414	ug/l	99
23) Vinyl Acetate	3.83	43	2382324	224.134	ug/l	100
24) 1,1-Dichloroethane	3.70	63	277587	42.836	ug/l	99
25) 2-Butanone	4.71	43	625496	224.783	ug/l	99
26) 2,2-Dichloropropane	4.59	77	212706	41.991	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	165092	45.563	ug/l	96
28) Bromochloromethane	5.03	49	144721	52.702	ug/l	99
29) Tetrahydrofuran	5.17	42	413400	230.423	ug/l	99
30) Chloroform	5.22	83	293845	46.991	ug/l	97
31) Cyclohexane	5.58	56	268738	52.444	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	260514	49.124	ug/l	100
36) 1,1-Dichloropropene	5.81	75	216468	49.646	ug/l	100
37) Ethyl Acetate	4.87	43	247904	47.278	ug/l	99
38) Carbon Tetrachloride	5.79	117	230847	50.609	ug/l	98

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39) Methylcyclohexane	7.46	83	272861	50.650	ug/l	98
40) Benzene	6.15	78	646948	48.391	ug/l	99
41) Methacrylonitrile	5.07	41	141430	47.116	ug/l	99
42) 1,2-Dichloroethane	6.20	62	252794	47.593	ug/l	100
43) Isopropyl Acetate	6.47	43	417555	46.883	ug/l	100
44) Trichloroethene	7.22	130	186471	50.256	ug/l	97
45) 1,2-Dichloropropane	7.52	63	171285	47.458	ug/l	99
46) Dibromomethane	7.67	93	114860	46.945	ug/l	99
47) Bromodichloromethane	7.90	83	213538	48.257	ug/l	98
48) Methyl methacrylate	7.78	41	212667	47.537	ug/l	99
49) 1,4-Dioxane	7.76	88	81307	972.009	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1353487	244.030	ug/l	100
52) Toluene	8.79	92	425309	50.019	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	258476	48.709	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	241062	48.150	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	168901	48.296	ug/l	98
56) Ethyl methacrylate	9.18	69	267133	47.844	ug/l	99
57) 1,3-Dichloropropane	9.38	76	281309	47.948	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	629135	243.455	ug/l	99
59) 2-Hexanone	9.50	43	1041800	243.181	ug/l	99
60) Dibromochloromethane	9.59	129	175675	49.941	ug/l	99
61) 1,2-Dibromoethane	9.68	107	180659	49.544	ug/l	99
64) Tetrachloroethene	9.34	164	209707	50.789	ug/l	97
65) Chlorobenzene	10.14	112	484343	48.619	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	175779	48.730	ug/l	100
67) Ethyl Benzene	10.26	91	836354	50.166	ug/l	99
68) m/p-Xylenes	10.37	106	650440	100.365	ug/l	99
69) o-Xylene	10.70	106	319738	49.577	ug/l	100
70) Styrene	10.72	104	534005	50.649	ug/l	100
71) Bromoform	10.86	173	137871	43.184	ug/l	99
73) Isopropylbenzene	11.02	105	869691	49.181	ug/l	100
74) N-amyl acetate	6.47	43	417555	43.822	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	249850	44.923	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	255433m	45.794	ug/l	
77) Bromobenzene	11.26	156	234570	47.250	ug/l	99
78) n-propylbenzene	11.37	91	993644	50.555	ug/l	100
79) 2-Chlorotoluene	11.43	91	591370	47.650	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	743276	49.005	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	69690	43.796	ug/l	96
82) 4-Chlorotoluene	11.51	91	697546	48.694	ug/l	99
83) tert-Butylbenzene	11.77	119	721961	48.881	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	765684	49.041	ug/l	100
85) sec-Butylbenzene	11.95	105	898479	51.890	ug/l	100
86) p-Isopropyltoluene	12.07	119	804866	51.032	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	428827	48.310	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	432855	47.309	ug/l	100
89) n-Butylbenzene	12.39	91	691736	52.295	ug/l	100
90) Hexachloroethane	12.60	117	122422	48.626	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	433915	47.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	59157	48.639	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	312972	48.600	ug/l	99
94) Hexachlorobutadiene	13.79	225	166892	52.445	ug/l	99
95) Naphthalene	13.84	128	905523	48.940	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	321379	48.934	ug/l	99

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

