

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062918\
 Data File : VX003069.D
 Acq On : 30 Jun 2018 09:34
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jun 30 11:04:27 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	305091	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	426772	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	397139	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	249037	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	260650	61.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	123.62%	
35) Dibromofluoromethane	5.51	113	170714	50.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.02%	
50) Toluene-d8	8.72	98	592561	48.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.02%	
62) 4-Bromofluorobenzene	11.14	95	227514	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	160281	58.89	ug/l	99
3) Chloromethane	1.33	50	155165	54.98	ug/l	100
4) Vinyl Chloride	1.41	62	177315	51.39	ug/l	94
5) Bromomethane	1.64	94	82611	51.37	ug/l	99
6) Chloroethane	1.72	64	115719	57.48	ug/l	97
7) Trichlorofluoromethane	1.93	101	276270	47.47	ug/l	98
8) Diethyl Ether	2.19	74	102664	48.52	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	157296	46.64	ug/l	98
10) Methyl Iodide	2.51	142	166971	48.97	ug/l	98
11) Tert butyl alcohol	3.07	59	202645	241.23	ug/l	99
12) 1,1-Dichloroethene	2.38	96	147653	49.07	ug/l	94
13) Acrolein	2.30	56	94917	204.59	ug/l	99
14) Allyl chloride	2.73	41	268043	45.19	ug/l	96
15) Acrylonitrile	3.15	53	439768	245.09	ug/l	98
16) Acetone	2.45	43	402702	230.59	ug/l	99
17) Carbon Disulfide	2.57	76	401580	50.09	ug/l	99
18) Methyl Acetate	2.78	43	214584	43.95	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	529622	48.96	ug/l	98
20) Methylene Chloride	2.86	84	162542	47.83	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	155854	47.56	ug/l	98
22) Diisopropyl ether	3.87	45	545971	48.16	ug/l	95
23) Vinyl Acetate	3.83	43	2354151	245.22	ug/l	98
24) 1,1-Dichloroethane	3.70	63	296904	48.18	ug/l	99
25) 2-Butanone	4.71	43	652534	251.77	ug/l	99
26) 2,2-Dichloropropane	4.59	77	118595	23.67	ug/l	93
27) cis-1,2-Dichloroethene	4.60	96	184610	50.24	ug/l	90
28) Bromochloromethane	5.03	49	145718	49.40	ug/l	91
29) Tetrahydrofuran	5.17	42	415679	250.10	ug/l	95
30) Chloroform	5.22	83	316514	50.05	ug/l	96
31) Cyclohexane	5.58	56	265556	50.21	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	304429	54.71	ug/l	96
36) 1,1-Dichloropropene	5.80	75	228379	48.80	ug/l	98
37) Ethyl Acetate	4.86	43	256709	50.94	ug/l	99
38) Carbon Tetrachloride	5.79	117	264355	51.47	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	256208	47.00	ug/l	97
40) Benzene	6.15	78	753410	55.40	ug/l	96
41) Methacrylonitrile	5.07	41	145579	50.17	ug/l	98
42) 1,2-Dichloroethane	6.20	62	265531	48.34	ug/l	99
43) Isopropyl Acetate	6.47	43	417899	49.45	ug/l	98
44) Trichloroethene	7.21	130	203420	50.17	ug/l	99
45) 1,2-Dichloropropane	7.52	63	176411	48.91	ug/l	99
46) Dibromomethane	7.67	93	122146	48.79	ug/l	95
47) Bromodichloromethane	7.90	83	233344	50.42	ug/l	98
48) Methyl methacrylate	7.78	41	214256	49.20	ug/l	95
49) 1,4-Dioxane	7.76	88	83847	989.69	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1309968	247.75	ug/l	98
52) Toluene	8.79	92	436012	50.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	245245	46.79	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	225477	44.71	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	175375	48.99	ug/l	98
56) Ethyl methacrylate	9.18	69	266566	50.95	ug/l	95
57) 1,3-Dichloropropane	9.37	76	284602	48.41	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	632953	250.78	ug/l	97
59) 2-Hexanone	9.50	43	984084	244.88	ug/l	97
60) Dibromochloromethane	9.59	129	194322	51.57	ug/l	100
61) 1,2-Dibromoethane	9.68	107	186226	49.60	ug/l	100
64) Tetrachloroethene	9.34	164	224559	50.85	ug/l	97
65) Chlorobenzene	10.14	112	493173	48.89	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	187637	51.21	ug/l	99
67) Ethyl Benzene	10.26	91	838337	50.31	ug/l	100
68) m/p-Xylenes	10.36	106	654580	101.93	ug/l	86
69) o-Xylene	10.70	106	382708	61.20	ug/l	89
70) Styrene	10.71	104	561716	55.28	ug/l	93
71) Bromoform	10.86	173	158194	47.95	ug/l	99
73) Isopropylbenzene	11.02	105	858922	51.27	ug/l	100
74) N-amyl acetate	6.47	43	417899	50.98	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	263186	51.00	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	277009	61.41	ug/l	79
77) Bromobenzene	11.26	156	242954	50.92	ug/l	96
78) n-propylbenzene	11.36	91	1081410	56.71	ug/l	96
79) 2-Chlorotoluene	11.42	91	575214	49.82	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	717732	50.87	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61258	40.11	ug/l	97
82) 4-Chlorotoluene	11.51	91	672877	49.23	ug/l	98
83) tert-Butylbenzene	11.77	119	705907	50.76	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	738070	50.48	ug/l	98
85) sec-Butylbenzene	11.95	105	835285	49.51	ug/l	100
86) p-Isopropyltoluene	12.07	119	770376	50.79	ug/l	96
87) 1,3-Dichlorobenzene	12.03	146	436588	50.10	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	437400	48.78	ug/l	99
89) n-Butylbenzene	12.39	91	626781	47.48	ug/l	99
90) Hexachloroethane	12.60	117	111795	49.55	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	435408	49.51	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61507	53.02	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	319180	49.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	151142	47.34	ug/l	99
95) Naphthalene	13.84	128	934813	54.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	324568	50.77	ug/l	100

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

