

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006035.D
 Acq On : 15 Nov 2018 21:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 10:52:52 AM

Quant Time: Nov 16 01:31:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	150994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	213986	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	192204	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	131816	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	78568	45.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.52%	
35) Dibromofluoromethane	5.50	113	65409	44.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.88%	
50) Toluene-d8	8.71	98	221705	45.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.64%	
62) 4-Bromofluorobenzene	11.14	95	85475	49.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.26%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.20	85	53273	39.13	ug/l	99
3) Chloromethane	1.32	50	68295	38.23	ug/l	96
4) Vinyl Chloride	1.41	62	72436	40.39	ug/l	97
5) Bromomethane	1.64	94	39397	35.89	ug/l	95
6) Chloroethane	1.71	64	44777	41.84	ug/l	96
7) Trichlorofluoromethane	1.92	101	96611	40.58	ug/l	95
8) Diethyl Ether	2.19	74	41795	44.80	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	58103	42.43	ug/l	99
10) Methyl Iodide	2.51	142	73516	44.30	ug/l	97
11) Tert butyl alcohol	3.08	59	101827	204.77	ug/l	100
12) 1,1-Dichloroethene	2.37	96	56555	42.38	ug/l	96
13) Acrolein	2.29	56	55101	233.74	ug/l	100
14) Allyl chloride	2.72	41	123736	41.51	ug/l	97
15) Acrylonitrile	3.15	53	227933	221.18	ug/l	99
16) Acetone	2.45	43	190554	203.88	ug/l	98
17) Carbon Disulfide	2.57	76	142724	35.85	ug/l	99
18) Methyl Acetate	2.78	43	118063	47.05	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	221345	48.59	ug/l	100
20) Methylene Chloride	2.85	84	67420	43.91	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	60550	43.01	ug/l	91
22) Diisopropyl ether	3.87	45	244383	46.80	ug/l #	95
23) Vinyl Acetate	3.82	43	1022404	228.36	ug/l	98
24) 1,1-Dichloroethane	3.70	63	124397	44.65	ug/l	99
25) 2-Butanone	4.70	43	323990	220.49	ug/l	98
26) 2,2-Dichloropropane	4.58	77	83189	40.71	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	71463	45.98	ug/l	97
28) Bromochloromethane	5.02	49	61760	49.60	ug/l	95
29) Tetrahydrofuran	5.15	42	206452	218.82	ug/l	96
30) Chloroform	5.21	83	122706	45.65	ug/l	91
31) Cyclohexane	5.58	56	101604	42.02	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	100609	44.88	ug/l	99
36) 1,1-Dichloropropene	5.79	75	89920	43.59	ug/l	99
37) Ethyl Acetate	4.85	43	118500	43.68	ug/l	98
38) Carbon Tetrachloride	5.78	117	85143	41.23	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	89537	42.82	ug/l	97
40) Benzene	6.14	78	273005	45.40	ug/l	92
41) Methacrylonitrile	5.06	41	65745	44.85	ug/l	99
42) 1,2-Dichloroethane	6.20	62	93214	43.28	ug/l	98
43) Isopropyl Acetate	6.46	43	185287	47.14	ug/l	97
44) Trichloroethene	7.21	130	70989	46.48	ug/l	92
45) 1,2-Dichloropropane	7.52	63	69301	47.48	ug/l	99
46) Dibromomethane	7.66	93	41272	45.06	ug/l	96
47) Bromodichloromethane	7.90	83	81141	46.88	ug/l	96
48) Methyl methacrylate	7.77	41	84088	47.64	ug/l	98
49) 1,4-Dioxane	7.75	88	34792	914.78	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	578472	233.51	ug/l	100
52) Toluene	8.79	92	156132	46.45	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	90887	44.49	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	99549	47.81	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	69608	46.47	ug/l	88
56) Ethyl methacrylate	9.18	69	112075	50.01	ug/l	96
57) 1,3-Dichloropropane	9.37	76	118708	47.16	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	285444	234.26	ug/l	100
59) 2-Hexanone	9.49	43	490753	224.74	ug/l	97
60) Dibromochloromethane	9.59	129	73277	45.26	ug/l	97
61) 1,2-Dibromoethane	9.68	107	74797	45.16	ug/l	99
64) Tetrachloroethene	9.34	164	70336	42.98	ug/l	94
65) Chlorobenzene	10.14	112	173130	44.96	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	61330	45.82	ug/l	98
67) Ethyl Benzene	10.25	91	294750	47.74	ug/l	100
68) m/p-Xylenes	10.36	106	223342	94.83	ug/l	100
69) o-Xylene	10.70	106	109989	52.08	ug/l	99
70) Styrene	10.71	104	185005	53.11	ug/l	100
71) Bromoform	10.86	173	53632	47.79	ug/l #	98
73) Isopropylbenzene	11.02	105	300298	39.39	ug/l	99
74) N-amyl acetate	10.90	43	154820	36.54	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	106634	38.11	ug/l	97
76) 1,2,3-Trichloropropane	11.30	75	100971m	37.62	ug/l	
77) Bromobenzene	11.26	156	82045	38.19	ug/l	98
78) n-propylbenzene	11.36	91	364847	40.61	ug/l	99
79) 2-Chlorotoluene	11.42	91	214769	39.55	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	283974	43.84	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	31760	37.71	ug/l	94
82) 4-Chlorotoluene	11.51	91	264249	41.29	ug/l	99
83) tert-Butylbenzene	11.77	119	315650	48.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	327405	45.79	ug/l	98
85) sec-Butylbenzene	11.94	105	392556	48.98	ug/l	100
86) p-Isopropyltoluene	12.07	119	350018	49.31	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	189131	45.87	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	192620	45.63	ug/l	100
89) n-Butylbenzene	12.39	91	310533	47.20	ug/l	99
90) Hexachloroethane	12.60	117	53503	45.15	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	189458	45.87	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	30309	44.39	ug/l	87

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	143776	49.44	ug/l	100
94) Hexachlorobutadiene	13.79	225	67726	44.34	ug/l	99
95) Naphthalene	13.83	128	456209	48.15	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	145139	48.99	ug/l	99

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

