

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX111518\
 Data File : VX006017.D
 Acq On : 15 Nov 2018 11:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/16/2018 10:41:00 AM

Quant Time: Nov 15 16:43:09 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	136118	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	202174	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	179048	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	99968	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	72348	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	5.50	113	62159	45.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.40%	
50) Toluene-d8	8.71	98	219262	47.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.92%	
62) 4-Bromofluorobenzene	11.13	95	83638	50.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.78%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	55339	45.09	ug/l	99
3) Chloromethane	1.32	50	69747	43.30	ug/l	98
4) Vinyl Chloride	1.41	62	75433	46.65	ug/l	92
5) Bromomethane	1.64	94	42084	42.53	ug/l	94
6) Chloroethane	1.71	64	44053	45.66	ug/l	99
7) Trichlorofluoromethane	1.93	101	95566	44.53	ug/l	98
8) Diethyl Ether	2.19	74	40788	48.50	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	60992	49.41	ug/l	99
10) Methyl Iodide	2.51	142	74909	50.07	ug/l	96
11) Tert butyl alcohol	3.07	59	101485	226.39	ug/l	100
12) 1,1-Dichloroethene	2.37	96	53973	44.86	ug/l	96
13) Acrolein	2.29	56	56392	262.77	ug/l	98
14) Allyl chloride	2.73	41	124793	46.44	ug/l	98
15) Acrylonitrile	3.15	53	229686	247.24	ug/l	99
16) Acetone	2.45	43	195672	232.24	ug/l	99
17) Carbon Disulfide	2.57	76	146661	40.87	ug/l	100
18) Methyl Acetate	2.78	43	116887	51.82	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	213551	52.00	ug/l	94
20) Methylene Chloride	2.85	84	65618	47.41	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	59212	46.66	ug/l	98
22) Diisopropyl ether	3.87	45	236181	50.17	ug/l	# 96
23) Vinyl Acetate	3.82	43	1013908	251.22	ug/l	100
24) 1,1-Dichloroethane	3.70	63	119294	47.50	ug/l	99
25) 2-Butanone	4.70	43	324687	245.11	ug/l	100
26) 2,2-Dichloropropane	4.58	77	97946	53.17	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	71367	50.93	ug/l	99
28) Bromochloromethane	5.02	49	58175	51.83	ug/l	98
29) Tetrahydrofuran	5.15	42	204819	240.82	ug/l	99
30) Chloroform	5.21	83	117213	48.38	ug/l	94
31) Cyclohexane	5.58	56	102359	46.95	ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	95905	47.46	ug/l	98
36) 1,1-Dichloropropene	5.80	75	85536	43.89	ug/l	98
37) Ethyl Acetate	4.86	43	118859	46.38	ug/l	100
38) Carbon Tetrachloride	5.79	117	83300	42.69	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	94803	47.99	ug/l	97
40) Benzene	6.15	78	243571	42.87	ug/l	99
41) Methacrylonitrile	5.06	41	66468	47.99	ug/l	98
42) 1,2-Dichloroethane	6.20	62	89479	43.97	ug/l	99
43) Isopropyl Acetate	6.46	43	165776	44.64	ug/l	96
44) Trichloroethene	7.21	130	67396	46.71	ug/l	98
45) 1,2-Dichloropropane	7.52	63	66118	47.94	ug/l	99
46) Dibromomethane	7.66	93	41338	47.77	ug/l	100
47) Bromodichloromethane	7.90	83	80592	49.28	ug/l	98
48) Methyl methacrylate	7.77	41	84820	50.86	ug/l	98
49) 1,4-Dioxane	7.75	88	35632	991.61	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	569404	243.27	ug/l	98
52) Toluene	8.79	92	149729	47.15	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	93467	48.43	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	100798	51.24	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	62880	44.43	ug/l	98
56) Ethyl methacrylate	9.18	69	103367	48.81	ug/l	97
57) 1,3-Dichloropropane	9.37	76	106443	44.76	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	266506	231.60	ug/l	100
59) 2-Hexanone	9.49	43	451110	218.65	ug/l	98
60) Dibromochloromethane	9.59	129	65327	42.71	ug/l	99
61) 1,2-Dibromoethane	9.67	107	65336	41.75	ug/l	100
64) Tetrachloroethene	9.34	164	67834	44.50	ug/l	98
65) Chlorobenzene	10.14	112	171446	47.80	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	62264	49.93	ug/l	99
67) Ethyl Benzene	10.25	91	295678	51.41	ug/l	99
68) m/p-Xylenes	10.36	106	228894	104.33	ug/l	100
69) o-Xylene	10.70	106	109623	55.72	ug/l	100
70) Styrene	10.71	104	185259	57.09	ug/l	100
71) Bromoform	10.86	173	53545	51.22	ug/l #	99
73) Isopropylbenzene	11.02	105	303902	52.57	ug/l	99
74) N-amyl acetate	10.90	43	152495	47.09	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	103291	48.68	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	101260m	49.75	ug/l	
77) Bromobenzene	11.26	156	78951	48.45	ug/l	99
78) n-propylbenzene	11.36	91	354895	52.09	ug/l	100
79) 2-Chlorotoluene	11.42	91	207714	50.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	258774	52.67	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	33396	52.29	ug/l	96
82) 4-Chlorotoluene	11.51	91	246541	50.80	ug/l	100
83) tert-Butylbenzene	11.77	119	256337	51.58	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	266948	49.24	ug/l	100
85) sec-Butylbenzene	11.94	105	313918	51.65	ug/l	100
86) p-Isopropyltoluene	12.07	119	285002	52.94	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	148511	47.49	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	151581	47.35	ug/l	100
89) n-Butylbenzene	12.39	91	256275	51.36	ug/l	100
90) Hexachloroethane	12.60	117	44331	49.32	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	148477	47.40	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25401	49.06	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	114061	51.72	ug/l	100
94) Hexachlorobutadiene	13.79	225	57011	49.21	ug/l	98
95) Naphthalene	13.83	128	348474	48.49	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	115842	51.56	ug/l	99

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

