

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060818\
 Data File : VX002397.D
 Acq On : 08 Jun 2018 12:54
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/11/2018 9:30:23 AM

Quant Time: Jun 08 13:16:24 2018
 Quant Method : Z:\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	256144	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	372674	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	358961	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231670	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	171581	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.51	113	136708	46.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.30%	
50) Toluene-d8	8.72	98	529535	47.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.28%	
62) 4-Bromofluorobenzene	11.14	95	203330	46.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.88%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	128846	48.39	ug/l	98
3) Chloromethane	1.32	50	142495	46.50	ug/l	99
4) Vinyl Chloride	1.41	62	162530	48.43	ug/l	99
5) Bromomethane	1.64	94	90694	47.60	ug/l	97
6) Chloroethane	1.72	64	107076	49.33	ug/l	100
7) Trichlorofluoromethane	1.93	101	276509	54.08	ug/l	100
8) Diethyl Ether	2.19	74	98855	54.63	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	155498	56.36	ug/l	99
10) Methyl Iodide	2.51	142	164271	42.33	ug/l	99
11) Tert butyl alcohol	3.08	59	194111	259.31	ug/l	99
12) 1,1-Dichloroethene	2.37	96	137712	50.50	ug/l	99
13) Acrolein	2.30	56	104647	289.27	ug/l	98
14) Allyl chloride	2.73	41	278276	47.02	ug/l	99
15) Acrylonitrile	3.15	53	422082	271.59	ug/l	100
16) Acetone	2.45	43	451410	289.59	ug/l	100
17) Carbon Disulfide	2.57	76	325035	45.23	ug/l	99
18) Methyl Acetate	2.78	43	204570	56.08	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	517997	54.78	ug/l	99
20) Methylene Chloride	2.86	84	157215	54.53	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	146259	48.64	ug/l	97
22) Diisopropyl ether	3.88	45	493918	49.96	ug/l	99
23) Vinyl Acetate	3.83	43	2284512	238.14	ug/l	100
24) 1,1-Dichloroethane	3.70	63	292130	49.95	ug/l	99
25) 2-Butanone	4.71	43	575850	229.29	ug/l	99
26) 2,2-Dichloropropane	4.59	77	212210	46.42	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	149797	45.81	ug/l	94
28) Bromochloromethane	5.03	49	136389	55.20	ug/l	99
29) Tetrahydrofuran	5.17	42	363414	224.43	ug/l	99
30) Chloroform	5.22	83	266783	47.27	ug/l	97
31) Cyclohexane	5.58	56	228560	49.42	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	234855	49.07	ug/l	100
36) 1,1-Dichloropropene	5.81	75	192120	49.04	ug/l	99
37) Ethyl Acetate	4.87	43	222807	47.29	ug/l	99
38) Carbon Tetrachloride	5.79	117	207867	50.72	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237105	48.99	ug/l	97
40) Benzene	6.15	78	578732	48.18	ug/l	99
41) Methacrylonitrile	5.07	41	125811	46.64	ug/l	99
42) 1,2-Dichloroethane	6.20	62	225893	47.33	ug/l	99
43) Isopropyl Acetate	6.47	43	375111	46.87	ug/l	99
44) Trichloroethene	7.22	130	164550	49.35	ug/l	96
45) 1,2-Dichloropropane	7.52	63	154199	47.55	ug/l	100
46) Dibromomethane	7.67	93	103861	47.24	ug/l	99
47) Bromodichloromethane	7.90	83	196155	49.33	ug/l	100
48) Methyl methacrylate	7.78	41	190777	47.46	ug/l	99
49) 1,4-Dioxane	7.76	88	70279	935.03	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1218306	244.46	ug/l	100
52) Toluene	8.79	92	380768	49.84	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	234687	49.22	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	221454	49.23	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	154579	49.19	ug/l	99
56) Ethyl methacrylate	9.18	69	244097	48.65	ug/l	99
57) 1,3-Dichloropropane	9.38	76	256107	48.58	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	573475	246.97	ug/l	99
59) 2-Hexanone	9.50	43	950182	246.84	ug/l	99
60) Dibromochloromethane	9.59	129	163655	51.78	ug/l	99
61) 1,2-Dibromoethane	9.68	107	164144	50.10	ug/l	99
64) Tetrachloroethene	9.34	164	180908	48.87	ug/l	98
65) Chlorobenzene	10.14	112	439633	49.22	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	162418	50.22	ug/l	99
67) Ethyl Benzene	10.26	91	758859	50.77	ug/l	98
68) m/p-Xylenes	10.37	106	589893	101.52	ug/l	100
69) o-Xylene	10.70	106	292372	50.56	ug/l	98
70) Styrene	10.71	104	488080	51.63	ug/l	99
71) Bromoform	10.86	173	128431	44.73	ug/l	100
73) Isopropylbenzene	11.02	105	801497	49.73	ug/l	100
74) N-amyl acetate	6.47	43	375111	43.20	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	236699	46.70	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	234907m	46.21	ug/l	
77) Bromobenzene	11.26	156	213742	47.24	ug/l	99
78) n-propylbenzene	11.37	91	912466	50.94	ug/l	100
79) 2-Chlorotoluene	11.43	91	536534	47.44	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	684975	49.55	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	65757	45.34	ug/l	97
82) 4-Chlorotoluene	11.51	91	636232	48.73	ug/l	99
83) tert-Butylbenzene	11.77	119	672718	49.98	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	703265	49.42	ug/l	99
85) sec-Butylbenzene	11.95	105	822567	52.13	ug/l	99
86) p-Isopropyltoluene	12.07	119	754331	52.48	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	396104	48.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	403526	48.39	ug/l	99
89) n-Butylbenzene	12.39	91	652988	54.17	ug/l	100
90) Hexachloroethane	12.60	117	112382	48.98	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	404679	48.35	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	53315	48.10	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	298330	50.83	ug/l	100
94) Hexachlorobutadiene	13.79	225	164241	56.63	ug/l	98
95) Naphthalene	13.84	128	844244	50.07	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	302969	50.62	ug/l	100

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

