

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102518\
 Data File : VX005597.D
 Acq On : 25 Oct 2018 18:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 10:02:59 AM

Quant Time: Oct 26 07:04:12 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102418W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 25 02:52:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	209201	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	298390	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	280702	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	162161	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	122412	47.94	ug/l	0.00
Spiked Amount			Recovery	=	95.88%	
35) Dibromofluoromethane	5.50	113	98762	48.88	ug/l	0.00
Spiked Amount			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	361387	49.78	ug/l	0.00
Spiked Amount			Recovery	=	99.56%	
62) 4-Bromofluorobenzene	11.14	95	136384	49.74	ug/l	0.00
Spiked Amount			Recovery	=	99.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	126336	61.182	ug/l	99
3) Chloromethane	1.32	50	145428	55.303	ug/l	92
4) Vinyl Chloride	1.40	62	149501	57.818	ug/l #	86
5) Bromomethane	1.64	94	80377	49.956	ug/l	98
6) Chloroethane	1.71	64	85093	51.515	ug/l	91
7) Trichlorofluoromethane	1.92	101	189384	52.711	ug/l	92
8) Diethyl Ether	2.19	74	69019	48.136	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	100601	48.801	ug/l	99
10) Methyl Iodide	2.51	142	127984	58.932	ug/l	99
11) Tert butyl alcohol	3.08	59	170001	247.385	ug/l	100
12) 1,1-Dichloroethene	2.37	96	94264	48.002	ug/l	97
13) Acrolein	2.29	56	70840	202.087	ug/l	98
14) Allyl chloride	2.73	41	212962	48.591	ug/l	99
15) Acrylonitrile	3.15	53	376906	244.594	ug/l	99
16) Acetone	2.45	43	344827	255.539	ug/l	99
17) Carbon Disulfide	2.57	76	291487	48.693	ug/l	100
18) Methyl Acetate	2.78	43	182024	54.742	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	338288	48.292	ug/l	100
20) Methylene Chloride	2.85	84	110768	49.012	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	103203	48.133	ug/l	95
22) Diisopropyl ether	3.87	45	368645	48.166	ug/l	98
23) Vinyl Acetate	3.82	43	1662443	246.634	ug/l	97
24) 1,1-Dichloroethane	3.70	63	208310	50.061	ug/l	99
25) 2-Butanone	4.70	43	535678	260.686	ug/l #	89
26) 2,2-Dichloropropane	4.58	77	151844	47.266	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	113825	49.242	ug/l	97
28) Bromochloromethane	5.01	49	95993	47.697	ug/l	99
29) Tetrahydrofuran	5.15	42	349782	261.564	ug/l	98
30) Chloroform	5.21	83	199840	51.343	ug/l	93
31) Cyclohexane	5.57	56	173310	50.339	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	167607	48.789	ug/l	99
36) 1,1-Dichloropropene	5.81	75	143171	49.442	ug/l	99
37) Ethyl Acetate	4.87	43	193211	52.287	ug/l	99
38) Carbon Tetrachloride	5.78	117	151318	49.614	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161602	50.539	ug/l	99
40) Benzene	6.14	78	420587	50.667	ug/l	98
41) Methacrylonitrile	5.05	41	106716	51.845	ug/l	97
42) 1,2-Dichloroethane	6.20	62	154529	49.003	ug/l	99
43) Isopropyl Acetate	6.46	43	263220	47.536	ug/l	97
44) Trichloroethene	7.21	130	113083	50.006	ug/l	87
45) 1,2-Dichloropropane	7.52	63	109812	49.205	ug/l	98
46) Dibromomethane	7.66	93	70758	49.090	ug/l	100
47) Bromodichloromethane	7.90	83	139837	49.986	ug/l	97
48) Methyl methacrylate	7.77	41	141367	52.405	ug/l	99
49) 1,4-Dioxane	7.76	88	60788	1031.160	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	947966	254.732	ug/l	100
52) Toluene	8.79	92	257338	51.009	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	155240	51.345	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	166866	51.261	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105874	49.777	ug/l	98
56) Ethyl methacrylate	9.18	69	165306	52.105	ug/l	100
57) 1,3-Dichloropropane	9.37	76	178950	49.724	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	448355	253.036	ug/l	100
59) 2-Hexanone	9.50	43	756227	257.732	ug/l	100
60) Dibromochloromethane	9.59	129	114414	51.558	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111825	50.819	ug/l	99
64) Tetrachloroethene	9.34	164	115445	49.543	ug/l	99
65) Chlorobenzene	10.14	112	289813	48.485	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	107211	49.190	ug/l	100
67) Ethyl Benzene	10.26	91	502228	51.068	ug/l	99
68) m/p-Xylenes	10.36	106	389749	102.149	ug/l	100
69) o-Xylene	10.70	106	184366	51.360	ug/l	98
70) Styrene	10.71	104	314862	52.396	ug/l	99
71) Bromoform	10.86	173	94740	48.712	ug/l	100
73) Isopropylbenzene	11.02	105	509104	51.359	ug/l	99
74) N-amyl acetate	10.90	43	247365	50.362	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	174275	47.654	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	165774m	48.249	ug/l	
77) Bromobenzene	11.26	156	135174	48.931	ug/l	99
78) n-propylbenzene	11.36	91	588276	51.900	ug/l	99
79) 2-Chlorotoluene	11.42	91	350209	49.832	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	437805	51.629	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	52792	50.206	ug/l	97
82) 4-Chlorotoluene	11.51	91	415025	50.082	ug/l	100
83) tert-Butylbenzene	11.77	119	428030	50.639	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	453979	52.824	ug/l	99
85) sec-Butylbenzene	11.94	105	520208	51.577	ug/l	100
86) p-Isopropyltoluene	12.07	119	470237	52.153	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	253348	48.769	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	254670	46.965	ug/l	100
89) n-Butylbenzene	12.39	91	417972	51.349	ug/l	100
90) Hexachloroethane	12.60	117	76661	49.297	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	254565	48.435	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	43478	49.170	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	190508	50.003	ug/l	100
94) Hexachlorobutadiene	13.79	225	93977	47.598	ug/l	98
95) Naphthalene	13.83	128	591645	53.423	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	193735	50.163	ug/l	100

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

