

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102418\
 Data File : VX005579.D
 Acq On : 25 Oct 2018 08:57
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/26/2018 1:41:28 PM

Quant Time: Oct 26 13:26:56 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	202112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	299491	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	281836	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	161432	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	126806	51.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.80%	
35) Dibromofluoromethane	5.50	113	98932	48.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.58%	
50) Toluene-d8	8.71	98	375714	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.14	95	141894	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	73623	36.905	ug/l	99
3) Chloromethane	1.32	50	108939	42.880	ug/l	99
4) Vinyl Chloride	1.40	62	115137	46.090	ug/l	89
5) Bromomethane	1.64	94	62786	40.392	ug/l	99
6) Chloroethane	1.71	64	70871	44.410	ug/l	100
7) Trichlorofluoromethane	1.93	101	165103	47.564	ug/l	98
8) Diethyl Ether	2.19	74	67349	48.619	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	93394	46.894	ug/l	99
10) Methyl Iodide	2.51	142	115926	55.422	ug/l	97
11) Tert butyl alcohol	3.07	59	173892	261.922	ug/l	99
12) 1,1-Dichloroethene	2.37	96	94080	49.588	ug/l #	82
13) Acrolein	2.29	56	75260	222.226	ug/l	100
14) Allyl chloride	2.73	41	196535	46.416	ug/l	100
15) Acrylonitrile	3.15	53	369033	247.884	ug/l	99
16) Acetone	2.45	43	339862	260.694	ug/l	100
17) Carbon Disulfide	2.57	76	265515	45.910	ug/l	98
18) Methyl Acetate	2.78	43	181100	56.419	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	332660	49.154	ug/l	100
20) Methylene Chloride	2.85	84	109096	49.965	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	100232	48.387	ug/l	99
22) Diisopropyl ether	3.87	45	350447	47.395	ug/l #	95
23) Vinyl Acetate	3.82	43	1606971	246.766	ug/l	97
24) 1,1-Dichloroethane	3.70	63	196360	48.845	ug/l	100
25) 2-Butanone	4.69	43	519272	261.565	ug/l	91
26) 2,2-Dichloropropane	4.58	77	93648	30.173	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	108476	48.574	ug/l	95
28) Bromochloromethane	5.02	49	99508	51.178	ug/l	98
29) Tetrahydrofuran	5.16	42	342298	264.946	ug/l	99
30) Chloroform	5.23	83	193180	51.372	ug/l	88
31) Cyclohexane	5.57	56	162282	48.789	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	160752	48.435	ug/l	99
36) 1,1-Dichloropropene	5.80	75	143001	49.202	ug/l	98
37) Ethyl Acetate	4.85	43	198750	53.588	ug/l	98
38) Carbon Tetrachloride	5.78	117	144506	47.206	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	153540	47.841	ug/l	98
40) Benzene	6.14	78	410504	49.271	ug/l	100
41) Methacrylonitrile	5.06	41	100623	48.705	ug/l	98
42) 1,2-Dichloroethane	6.20	62	153259	48.422	ug/l	100
43) Isopropyl Acetate	6.46	43	277357	49.905	ug/l	99
44) Trichloroethene	7.21	130	110701	48.773	ug/l	96
45) 1,2-Dichloropropane	7.52	63	109912	49.069	ug/l	99
46) Dibromomethane	7.66	93	70550	48.766	ug/l	99
47) Bromodichloromethane	7.90	83	141929	50.547	ug/l	96
48) Methyl methacrylate	7.77	41	141313	52.193	ug/l	99
49) 1,4-Dioxane	7.74	88	63554	1074.117	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	957865	256.445	ug/l	100
52) Toluene	8.79	92	254056	50.174	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	146766	48.363	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	156973	48.045	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	105465	49.402	ug/l	97
56) Ethyl methacrylate	9.18	69	165119	51.855	ug/l	100
57) 1,3-Dichloropropane	9.37	76	178270	49.353	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	462263	259.926	ug/l	100
59) 2-Hexanone	9.50	43	763372	259.211	ug/l	99
60) Dibromochloromethane	9.59	129	113703	51.049	ug/l	99
61) 1,2-Dibromoethane	9.67	107	111134	50.320	ug/l	100
64) Tetrachloroethene	9.34	164	115991	49.577	ug/l	99
65) Chlorobenzene	10.14	112	288409	48.056	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	105668	48.287	ug/l	99
67) Ethyl Benzene	10.25	91	495341	50.165	ug/l	100
68) m/p-Xylenes	10.36	106	385023	100.504	ug/l	100
69) o-Xylene	10.70	106	183112	50.805	ug/l	98
70) Styrene	10.71	104	311606	51.646	ug/l	100
71) Bromoform	10.86	173	94962	48.630	ug/l	99
73) Isopropylbenzene	11.02	105	505961	51.273	ug/l	99
74) N-amyl acetate	10.90	43	252067	51.551	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	173522	47.663	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	163565m	47.821	ug/l	
77) Bromobenzene	11.26	156	133364	48.494	ug/l	100
78) n-propylbenzene	11.36	91	585923	51.926	ug/l	100
79) 2-Chlorotoluene	11.42	91	346897	49.583	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	434510	51.472	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	44931	42.923	ug/l	97
82) 4-Chlorotoluene	11.51	91	412800	50.038	ug/l	100
83) tert-Butylbenzene	11.77	119	423505	50.329	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	447825	52.343	ug/l	100
85) sec-Butylbenzene	11.94	105	513375	51.129	ug/l	100
86) p-Isopropyltoluene	12.07	119	463995	51.694	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	249470	48.239	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	251063	46.509	ug/l	99
89) n-Butylbenzene	12.39	91	405444	50.035	ug/l	99
90) Hexachloroethane	12.60	117	76804	49.612	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	252772	48.311	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44181	50.190	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	189063	49.847	ug/l	100
94) Hexachlorobutadiene	13.79	225	89227	45.396	ug/l	99
95) Naphthalene	13.83	128	588786	53.405	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	193204	50.251	ug/l	100

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

