

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005110.D
 Acq On : 06 Oct 2018 11:46
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:02:45 PM

Quant Time: Oct 08 07:57:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	230591	50.00	ug/l	0.01
34) 1,4-Difluorobenzene	6.86	114	305418	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	182573	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	159278	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	
35) Dibromofluoromethane	5.49	113	137637	53.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.34%	
50) Toluene-d8	8.72	98	449043	52.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.36%	
62) 4-Bromofluorobenzene	11.14	95	172175	55.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164896	52.447	ug/l	99
3) Chloromethane	1.32	50	186239	48.824	ug/l	96
4) Vinyl Chloride	1.40	62	181577	50.754	ug/l	98
5) Bromomethane	1.64	94	126803	59.771	ug/l	96
6) Chloroethane	1.71	64	101026	51.905	ug/l	100
7) Trichlorofluoromethane	1.92	101	229393	51.793	ug/l	90
8) Diethyl Ether	2.19	74	94427	49.076	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	122456	48.538	ug/l	97
10) Methyl Iodide	2.51	142	138665	41.073	ug/l	96
11) Tert butyl alcohol	3.08	59	242507	263.299	ug/l	98
12) 1,1-Dichloroethene	2.37	96	123308	49.352	ug/l #	79
13) Acrolein	2.29	56	74566	113.787	ug/l	92
14) Allyl chloride	2.72	41	267035	48.983	ug/l	94
15) Acrylonitrile	3.15	53	512746	252.890	ug/l	93
16) Acetone	2.45	43	462485	240.489	ug/l	98
17) Carbon Disulfide	2.56	76	316997	42.222	ug/l	100
18) Methyl Acetate	2.78	43	299540	61.477	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	468373	54.346	ug/l	92
20) Methylene Chloride	2.85	84	141952	50.781	ug/l #	84
21) trans-1,2-Dichloroethene	3.16	96	132633	48.493	ug/l	92
22) Diisopropyl ether	3.87	45	508369	55.378	ug/l	92
23) Vinyl Acetate	3.82	43	2055814	244.653	ug/l	96
24) 1,1-Dichloroethane	3.70	63	277144	50.611	ug/l	99
25) 2-Butanone	4.70	43	734764	259.203	ug/l	100
26) 2,2-Dichloropropane	4.59	77	102890	26.982	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	158330	51.819	ug/l	94
28) Bromochloromethane	5.03	49	126865	49.197	ug/l	98
29) Tetrahydrofuran	5.16	42	469126	266.266	ug/l	98
30) Chloroform	5.22	83	262856	50.790	ug/l	85
31) Cyclohexane	5.57	56	218009	52.017	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	217168	51.382	ug/l	94
36) 1,1-Dichloropropene	5.80	75	183028	51.826	ug/l	95
37) Ethyl Acetate	4.86	43	257825	54.998	ug/l	98
38) Carbon Tetrachloride	5.79	117	186049	50.116	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	184297	51.106	ug/l #	85
40) Benzene	6.14	78	560782	50.720	ug/l	100
41) Methacrylonitrile	5.06	41	144736	55.672	ug/l	97
42) 1,2-Dichloroethane	6.19	62	201660	51.595	ug/l	98
43) Isopropyl Acetate	6.46	43	393277	58.123	ug/l	98
44) Trichloroethene	7.21	130	137124	50.450	ug/l	98
45) 1,2-Dichloropropane	7.51	63	143469	52.914	ug/l	95
46) Dibromomethane	7.66	93	88312	51.826	ug/l	100
47) Bromodichloromethane	7.90	83	172343	54.020	ug/l	99
48) Methyl methacrylate	7.78	41	179382	58.410	ug/l	100
49) 1,4-Dioxane	7.76	88	78991	1035.296	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1228624	288.387	ug/l	99
52) Toluene	8.79	92	320086	52.686	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	177087	49.120	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	189668	50.228	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	135059	50.751	ug/l	96
56) Ethyl methacrylate	9.18	69	215895	49.995	ug/l	98
57) 1,3-Dichloropropane	9.37	76	229187	51.746	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.32	63	577921	251.922	ug/l	99
59) 2-Hexanone	9.50	43	972257	273.859	ug/l	96
60) Dibromochloromethane	9.59	129	140904	52.944	ug/l	99
61) 1,2-Dibromoethane	9.67	107	138872	48.727	ug/l	95
64) Tetrachloroethene	9.34	164	139696	48.457	ug/l	95
65) Chlorobenzene	10.14	112	364041	48.467	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	132926	50.339	ug/l	100
67) Ethyl Benzene	10.25	91	618634	51.878	ug/l	94
68) m/p-Xylenes	10.36	106	477051	102.374	ug/l	94
69) o-Xylene	10.70	106	233578	54.573	ug/l	99
70) Styrene	10.71	104	397190	49.634	ug/l	100
71) Bromoform	10.86	173	117236	51.859	ug/l	96
73) Isopropylbenzene	11.02	105	630856	54.820	ug/l	100
74) N-amyl acetate	10.90	43	314238	49.692	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	229228	48.934	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	208977m	51.068	ug/l	
77) Bromobenzene	11.26	156	170202	50.920	ug/l	99
78) n-propylbenzene	11.36	91	727855	55.124	ug/l	99
79) 2-Chlorotoluene	11.42	91	437421	53.148	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	542836	51.472	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	52470	35.568	ug/l	99
82) 4-Chlorotoluene	11.51	91	513930	53.052	ug/l	100
83) tert-Butylbenzene	11.77	119	538804	56.867	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	561232	51.604	ug/l	98
85) sec-Butylbenzene	11.94	105	653148	56.596	ug/l	100
86) p-Isopropyltoluene	12.07	119	582714	55.731	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	318151	50.974	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	322689	50.083	ug/l	99
89) n-Butylbenzene	12.39	91	512367	53.957	ug/l	100
90) Hexachloroethane	12.60	117	95896	55.085	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	322433	49.433	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	55937	54.384	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	242663	53.035	ug/l	100
94) Hexachlorobutadiene	13.78	225	117530	49.535	ug/l	100
95) Naphthalene	13.83	128	786466	51.762	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	253502	53.634	ug/l	100

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

