

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102518\
 Data File : VX005581.D
 Acq On : 25 Oct 2018 11:17
 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
 10/26/2018 10:02:43 AM

Quant Time: Oct 26 05:41:24 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	224463	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	324713	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	297610	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	173561	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	123313	45.00	ug/l	0.00
Spiked Amount			Recovery	=	90.00%	
35) Dibromofluoromethane	5.50	113	98314	44.71	ug/l	0.00
Spiked Amount			Recovery	=	89.42%	
50) Toluene-d8	8.71	98	376509	47.66	ug/l	0.00
Spiked Amount			Recovery	=	95.32%	
62) 4-Bromofluorobenzene	11.14	95	143672	48.16	ug/l	0.00
Spiked Amount			Recovery	=	96.32%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	141893	64.044	ug/l	99
3) Chloromethane	1.32	50	150819	53.453	ug/l	99
4) Vinyl Chloride	1.41	62	147622	53.210	ug/l	99
5) Bromomethane	1.64	94	91653	53.092	ug/l	98
6) Chloroethane	1.72	64	86165	48.617	ug/l	100
7) Trichlorofluoromethane	1.93	101	202338	52.487	ug/l	98
8) Diethyl Ether	2.19	74	75087	48.807	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	114136	51.603	ug/l	99
10) Methyl Iodide	2.51	142	135851	58.330	ug/l	99
11) Tert butyl alcohol	3.06	59	177857	241.219	ug/l	99
12) 1,1-Dichloroethene	2.37	96	104324	49.512	ug/l	93
13) Acrolein	2.29	56	81386	216.386	ug/l	99
14) Allyl chloride	2.73	41	231671	49.266	ug/l	99
15) Acrylonitrile	3.15	53	386290	233.639	ug/l	99
16) Acetone	2.45	43	413221	285.402	ug/l	100
17) Carbon Disulfide	2.57	76	323418	50.354	ug/l	100
18) Methyl Acetate	2.78	43	181520	50.772	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	363712	48.391	ug/l	99
20) Methylene Chloride	2.85	84	116110	47.882	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	110300	47.945	ug/l	96
22) Diisopropyl ether	3.87	45	407347	49.604	ug/l #	93
23) Vinyl Acetate	3.82	43	1874817	259.229	ug/l	99
24) 1,1-Dichloroethane	3.70	63	217112	48.629	ug/l	99
25) 2-Butanone	4.70	43	553236	250.925	ug/l	100
26) 2,2-Dichloropropane	4.58	77	168345	48.840	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	114760	46.271	ug/l	98
28) Bromochloromethane	5.01	49	97698	45.244	ug/l	100
29) Tetrahydrofuran	5.15	42	336033	234.197	ug/l	99
30) Chloroform	5.21	83	197799	47.363	ug/l	98
31) Cyclohexane	5.57	56	189085	51.187	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	176576	47.905	ug/l	100
36) 1,1-Dichloropropene	5.80	75	155457	49.333	ug/l	98
37) Ethyl Acetate	4.85	43	189685	47.171	ug/l	100
38) Carbon Tetrachloride	5.78	117	159591	48.085	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	187144	53.782	ug/l	97
40) Benzene	6.14	78	438664	48.561	ug/l	99
41) Methacrylonitrile	5.06	41	105960	47.305	ug/l	98
42) 1,2-Dichloroethane	6.20	62	161061	46.934	ug/l	100
43) Isopropyl Acetate	6.46	43	283341	47.021	ug/l	99
44) Trichloroethene	7.21	130	120400	48.925	ug/l	99
45) 1,2-Dichloropropane	7.51	63	117885	48.540	ug/l	98
46) Dibromomethane	7.66	93	76164	48.557	ug/l	98
47) Bromodichloromethane	7.90	83	150142	49.319	ug/l	99
48) Methyl methacrylate	7.77	41	150957	51.424	ug/l	99
49) 1,4-Dioxane	7.75	88	63969	997.154	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1006070	248.429	ug/l	100
52) Toluene	8.79	92	278536	50.735	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	171778	52.209	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	183311	51.748	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	112343	48.537	ug/l	98
56) Ethyl methacrylate	9.18	69	178347	51.658	ug/l	100
57) 1,3-Dichloropropane	9.37	76	191983	49.021	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	578873	300.212	ug/l	99
59) 2-Hexanone	9.49	43	848770	265.822	ug/l	100
60) Dibromochloromethane	9.59	129	121562	50.338	ug/l	100
61) 1,2-Dibromoethane	9.67	107	120659	50.389	ug/l	99
64) Tetrachloroethene	9.34	164	122769	49.693	ug/l	99
65) Chlorobenzene	10.14	112	314147	49.570	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	115145	49.829	ug/l	99
67) Ethyl Benzene	10.25	91	544269	52.199	ug/l	100
68) m/p-Xylenes	10.36	106	422877	104.535	ug/l	99
69) o-Xylene	10.70	106	200914	52.790	ug/l	100
70) Styrene	10.71	104	339350	53.263	ug/l	99
71) Bromoform	10.86	173	101865	49.400	ug/l	# 99
73) Isopropylbenzene	11.02	105	552141	52.042	ug/l	99
74) N-amyl acetate	10.90	43	267047	50.798	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	185003	47.265	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	178688m	48.592	ug/l	
77) Bromobenzene	11.26	156	146222	49.453	ug/l	99
78) n-propylbenzene	11.36	91	654930	53.986	ug/l	100
79) 2-Chlorotoluene	11.42	91	380365	50.568	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	483261	53.247	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	57742	51.307	ug/l	97
82) 4-Chlorotoluene	11.51	91	457332	51.562	ug/l	100
83) tert-Butylbenzene	11.77	119	473313	52.318	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	497078	54.040	ug/l	100
85) sec-Butylbenzene	11.94	105	580404	53.765	ug/l	100
86) p-Isopropyltoluene	12.07	119	526212	54.528	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	277630	49.933	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	281217	48.454	ug/l	99
89) n-Butylbenzene	12.39	91	480168	55.116	ug/l	100
90) Hexachloroethane	12.60	117	84589	50.822	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	275610	48.994	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	46767	49.415	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	213924	52.461	ug/l	99
94) Hexachlorobutadiene	13.79	225	110198	52.147	ug/l	99
95) Naphthalene	13.83	128	635860	53.644	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	217389	52.590	ug/l	99

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

