

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100118\
 Data File : VX004859.D
 Acq On : 01 Oct 2018 09:54
 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
 10/4/2018 7:07:50 PM

Quant Time: Oct 02 03:51:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	238392	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	340539	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	326796	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	206846	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	155273	45.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.20%	
35) Dibromofluoromethane	5.50	113	126849	43.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.90%	
50) Toluene-d8	8.71	98	484475	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	182286	52.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	181185	55.742	ug/l	97
3) Chloromethane	1.32	50	192295	48.762	ug/l	100
4) Vinyl Chloride	1.40	62	188293	50.909	ug/l	98
5) Bromomethane	1.64	94	140034	63.847	ug/l	99
6) Chloroethane	1.71	64	106790	53.125	ug/l	98
7) Trichlorofluoromethane	1.92	101	242677	52.999	ug/l	96
8) Diethyl Ether	2.19	74	94651	47.582	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140477	53.858	ug/l	98
10) Methyl Iodide	2.51	142	128838	36.914	ug/l	99
11) Tert butyl alcohol	3.07	59	214825	225.611	ug/l	99
12) 1,1-Dichloroethene	2.37	96	127670	49.426	ug/l	96
13) Acrolein	2.29	56	103099	152.180	ug/l	96
14) Allyl chloride	2.73	41	286035	50.751	ug/l	96
15) Acrylonitrile	3.15	53	494676	235.994	ug/l	99
16) Acetone	2.45	43	506591	254.804	ug/l	96
17) Carbon Disulfide	2.57	76	379178	48.852	ug/l	100
18) Methyl Acetate	2.78	43	254943	50.612	ug/l	93
19) Methyl tert-butyl Ether	3.20	73	462065	51.860	ug/l	96
20) Methylene Chloride	2.85	84	145660	50.396	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	138213	48.880	ug/l	98
22) Diisopropyl ether	3.87	45	482912	50.884	ug/l	93
23) Vinyl Acetate	3.82	43	2134474	245.702	ug/l	96
24) 1,1-Dichloroethane	3.69	63	268261	47.386	ug/l	98
25) 2-Butanone	4.70	43	687721	234.669	ug/l	94
26) 2,2-Dichloropropane	4.58	77	212506	53.905	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	149492	47.325	ug/l	94
28) Bromochloromethane	5.01	49	122664	46.012	ug/l	90
29) Tetrahydrofuran	5.15	42	430683	236.447	ug/l	91
30) Chloroform	5.21	83	252902	47.268	ug/l	99
31) Cyclohexane	5.57	56	239132	55.189	ug/l	93
32) 1,1,1-Trichloroethane	5.49	97	218723	50.056	ug/l	100
36) 1,1-Dichloropropene	5.79	75	195118	49.551	ug/l	99
37) Ethyl Acetate	4.85	43	237782	45.491	ug/l	98
38) Carbon Tetrachloride	5.78	117	193883	46.840	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	237772	59.135	ug/l	94
40) Benzene	6.14	78	572172	46.413	ug/l	100
41) Methacrylonitrile	5.06	41	135495	46.743	ug/l	96
42) 1,2-Dichloroethane	6.20	62	203279	46.645	ug/l	97
43) Isopropyl Acetate	6.46	43	361084	47.862	ug/l	96
44) Trichloroethene	7.21	130	154921	51.120	ug/l	97
45) 1,2-Dichloropropane	7.51	63	154369	51.062	ug/l	98
46) Dibromomethane	7.66	93	97223	51.172	ug/l	97
47) Bromodichloromethane	7.90	83	190958	53.682	ug/l	99
48) Methyl methacrylate	7.77	41	190134	55.526	ug/l	94
49) 1,4-Dioxane	7.75	88	78330	920.752	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1271512	267.673	ug/l	96
52) Toluene	8.79	92	360656	53.242	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	219759	54.669	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	236534	56.178	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	147641	49.758	ug/l	96
56) Ethyl methacrylate	9.18	69	229554	47.808	ug/l	94
57) 1,3-Dichloropropane	9.37	76	246831	49.982	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	658902	257.279	ug/l	94
59) 2-Hexanone	9.50	43	1023118	258.463	ug/l	94
60) Dibromochloromethane	9.59	129	153596	51.761	ug/l	100
61) 1,2-Dibromoethane	9.67	107	153465	48.294	ug/l	99
64) Tetrachloroethene	9.34	164	152082	47.284	ug/l	97
65) Chlorobenzene	10.14	112	401836	47.952	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.23	131	144439	49.028	ug/l	100
67) Ethyl Benzene	10.26	91	689724	51.842	ug/l	98
68) m/p-Xylenes	10.36	106	544525	104.738	ug/l	95
69) o-Xylene	10.70	106	258000	54.029	ug/l	97
70) Styrene	10.71	104	441609	49.470	ug/l	98
71) Bromoform	10.86	173	128079	50.781	ug/l	100
73) Isopropylbenzene	11.02	105	699183	53.627	ug/l	99
74) N-amyl acetate	10.90	43	330320	46.231	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	241948	45.588	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	227514m	49.074	ug/l	
77) Bromobenzene	11.26	156	185726	49.044	ug/l	97
78) n-propylbenzene	11.36	91	829342	55.440	ug/l	99
79) 2-Chlorotoluene	11.42	91	478739	51.343	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	602232	50.399	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	74215	43.911	ug/l	97
82) 4-Chlorotoluene	11.51	91	575919	52.474	ug/l	100
83) tert-Butylbenzene	11.77	119	594232	55.358	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	623453	50.594	ug/l	98
85) sec-Butylbenzene	11.94	105	725851	55.515	ug/l	99
86) p-Isopropyltoluene	12.07	119	660328	55.743	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	353178	49.945	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	355666	48.724	ug/l	98
89) n-Butylbenzene	12.39	91	604557	56.194	ug/l	98
90) Hexachloroethane	12.60	117	103343	52.397	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	353716	47.865	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	54284	46.584	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	275135	53.076	ug/l	99
94) Hexachlorobutadiene	13.79	225	140970	52.442	ug/l	98
95) Naphthalene	13.83	128	826674	48.075	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	275700	51.485	ug/l	99

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

