

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102218\
 Data File : VX005490.D
 Acq On : 23 Oct 2018 00:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/23/2018 1:28:05 PM

Quant Time: Oct 23 03:40:15 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 12 11:28:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	205833	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	302084	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	271969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	156544	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	123236	53.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.90%	
35) Dibromofluoromethane	5.51	113	108259	54.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.22%	
50) Toluene-d8	8.71	98	355155	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.14	95	135739	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	78052	48.499	ug/l	98
3) Chloromethane	1.32	50	106256	45.565	ug/l	99
4) Vinyl Chloride	1.40	62	107185	45.373	ug/l	100
5) Bromomethane	1.64	94	63777	47.829	ug/l	95
6) Chloroethane	1.71	64	69828	50.050	ug/l	89
7) Trichlorofluoromethane	1.92	101	164148	52.070	ug/l	93
8) Diethyl Ether	2.19	74	70502	52.372	ug/l	89
9) 1,1,2-Trichlorotrifluoroet	2.38	101	91174	50.109	ug/l	94
10) Methyl Iodide	2.51	142	115826	57.655	ug/l	97
11) Tert butyl alcohol	3.07	59	171054	265.446	ug/l	99
12) 1,1-Dichloroethene	2.37	96	84898	47.093	ug/l	96
13) Acrolein	2.29	56	84788	205.811	ug/l	99
14) Allyl chloride	2.73	41	203781	51.486	ug/l	95
15) Acrylonitrile	3.15	53	390663	267.529	ug/l	98
16) Acetone	2.45	43	351902	266.425	ug/l #	85
17) Carbon Disulfide	2.56	76	238873	43.741	ug/l	96
18) Methyl Acetate	2.78	43	231482	61.601	ug/l	94
19) Methyl tert-butyl Ether	3.21	73	342872	54.002	ug/l #	88
20) Methylene Chloride	2.85	84	105556	54.977	ug/l	89
21) trans-1,2-Dichloroethene	3.17	96	98682	49.394	ug/l #	80
22) Diisopropyl ether	3.87	45	375439	56.474	ug/l	94
23) Vinyl Acetate	3.82	43	1563468	269.075	ug/l	95
24) 1,1-Dichloroethane	3.70	63	195069	51.199	ug/l	98
25) 2-Butanone	4.71	43	546483	282.781	ug/l #	86
26) 2,2-Dichloropropane	4.59	77	122272	42.911	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	109624	50.489	ug/l	97
28) Bromochloromethane	5.02	49	102580	59.060	ug/l	85
29) Tetrahydrofuran	5.15	42	346681	281.235	ug/l	92
30) Chloroform	5.21	83	197700	55.904	ug/l	84
31) Cyclohexane	5.56	56	163911	52.197	ug/l #	74
32) 1,1,1-Trichloroethane	5.50	97	170065	55.268	ug/l	98
36) 1,1-Dichloropropene	5.80	75	139024	47.519	ug/l	100
37) Ethyl Acetate	4.86	43	191212	50.820	ug/l	98
38) Carbon Tetrachloride	5.78	117	142135	48.351	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	140223	44.284	ug/l	96
40) Benzene	6.15	78	420684	47.933	ug/l	99
41) Methacrylonitrile	5.06	41	110267	54.666	ug/l	94
42) 1,2-Dichloroethane	6.20	62	153091	49.401	ug/l	97
43) Isopropyl Acetate	6.46	43	283023	56.469	ug/l	97
44) Trichloroethene	7.21	130	113155	50.501	ug/l	94
45) 1,2-Dichloropropane	7.52	63	106118	49.292	ug/l	100
46) Dibromomethane	7.66	93	69643	49.014	ug/l	98
47) Bromodichloromethane	7.90	83	137058	52.148	ug/l	100
48) Methyl methacrylate	7.77	41	140679	54.119	ug/l	93
49) 1,4-Dioxane	7.75	88	59519	992.709	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	979863	282.352	ug/l	93
52) Toluene	8.79	92	244234	50.866	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	148991	52.382	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	157799	51.202	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	104640	51.453	ug/l	98
56) Ethyl methacrylate	9.18	69	163525	55.157	ug/l	92
57) 1,3-Dichloropropane	9.37	76	176555	52.014	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	467560	281.209	ug/l	93
59) 2-Hexanone	9.50	43	782450	280.290	ug/l	92
60) Dibromochloromethane	9.59	129	111998	53.277	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109519	51.314	ug/l	100
64) Tetrachloroethene	9.34	164	114612	52.346	ug/l	98
65) Chlorobenzene	10.14	112	280417	48.472	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.22	131	106637	51.726	ug/l	98
67) Ethyl Benzene	10.25	91	479560	50.992	ug/l	96
68) m/p-Xylenes	10.36	106	371905	101.884	ug/l	94
69) o-Xylene	10.70	106	178606	50.734	ug/l	96
70) Styrene	10.71	104	305930	52.833	ug/l	96
71) Bromoform	10.86	173	93775	50.901	ug/l #	99
73) Isopropylbenzene	11.02	105	490939	52.755	ug/l	99
74) N-amyl acetate	10.90	43	247444	55.129	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	177034	50.430	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	167613m	55.199	ug/l	
77) Bromobenzene	11.26	156	132125	49.655	ug/l	98
78) n-propylbenzene	11.36	91	564366	52.701	ug/l	99
79) 2-Chlorotoluene	11.42	91	342270	52.187	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	423445	53.135	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	49182	49.214	ug/l	100
82) 4-Chlorotoluene	11.51	91	403412	51.889	ug/l	98
83) tert-Butylbenzene	11.77	119	415711	51.513	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	434135	52.936	ug/l	97
85) sec-Butylbenzene	11.94	105	503336	52.704	ug/l	98
86) p-Isopropyltoluene	12.07	119	451159	52.266	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	245907	49.457	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	249152	48.983	ug/l	99
89) n-Butylbenzene	12.39	91	400213	51.064	ug/l	97
90) Hexachloroethane	12.60	117	72689	48.862	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	251071	49.483	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	44134	51.539	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	187769	50.440	ug/l	99
94) Hexachlorobutadiene	13.79	225	90956	46.262	ug/l	95
95) Naphthalene	13.83	128	593819	55.004	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	194795	51.141	ug/l	98

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

