

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100518\
 Data File : VX005069.D
 Acq On : 05 Oct 2018 16:37
 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
 10/8/2018 1:46:10 PM

Quant Time: Oct 05 18:20:03 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	5.66	168	225239	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327751	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306220	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194156	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	152283	47.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.66%	
35) Dibromofluoromethane	5.50	113	125136	45.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.10%	
50) Toluene-d8	8.71	98	476571	51.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.22%	
62) 4-Bromofluorobenzene	11.14	95	184837	55.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	160755	52.345	ug/l	97
3) Chloromethane	1.32	50	172628	46.331	ug/l	99
4) Vinyl Chloride	1.40	62	173050	49.520	ug/l	99
5) Bromomethane	1.64	94	127702	61.625	ug/l	95
6) Chloroethane	1.72	64	100554	52.936	ug/l	95
7) Trichlorofluoromethane	1.93	101	232605	53.766	ug/l	94
8) Diethyl Ether	2.18	74	88737	47.214	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	132570	53.795	ug/l	99
10) Methyl Iodide	2.51	142	147235	44.648	ug/l	91
11) Tert butyl alcohol	3.06	59	185542	206.237	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118944	48.737	ug/l	95
13) Acrolein	2.29	56	65269	101.967	ug/l	91
14) Allyl chloride	2.73	41	266588	50.063	ug/l	95
15) Acrylonitrile	3.15	53	448475	226.447	ug/l	96
16) Acetone	2.44	43	394523	210.024	ug/l	92
17) Carbon Disulfide	2.57	76	328591	44.807	ug/l	100
18) Methyl Acetate	2.78	43	257127	54.026	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	442693	52.587	ug/l	97
20) Methylene Chloride	2.85	84	138417	50.692	ug/l	90
21) trans-1,2-Dichloroethene	3.17	96	127235	47.625	ug/l	83
22) Diisopropyl ether	3.87	45	498974	55.646	ug/l	98
23) Vinyl Acetate	3.82	43	2126335	259.058	ug/l	97
24) 1,1-Dichloroethane	3.70	63	262080	48.997	ug/l	99
25) 2-Butanone	4.70	43	581821	210.126	ug/l	97
26) 2,2-Dichloropropane	4.58	77	192833	51.771	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	139255	46.659	ug/l	93
28) Bromochloromethane	5.02	49	117731	46.740	ug/l	97
29) Tetrahydrofuran	5.15	42	378047	219.670	ug/l	97
30) Chloroform	5.21	83	239317	47.341	ug/l	97
31) Cyclohexane	5.57	56	215675	52.682	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	206614	50.046	ug/l	96
36) 1,1-Dichloropropene	5.79	75	176647	46.610	ug/l	95
37) Ethyl Acetate	4.85	43	209668	41.678	ug/l	98
38) Carbon Tetrachloride	5.78	117	183224	45.992	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214790	55.503	ug/l #	84
40) Benzene	6.14	78	530262	44.692	ug/l	96
41) Methacrylonitrile	5.06	41	120748	43.281	ug/l	97
42) 1,2-Dichloroethane	6.20	62	191414	45.636	ug/l	97
43) Isopropyl Acetate	6.46	43	329596	45.393	ug/l	97
44) Trichloroethene	7.21	130	145254	49.800	ug/l	96
45) 1,2-Dichloropropane	7.51	63	147047	50.538	ug/l	98
46) Dibromomethane	7.66	93	94688	51.782	ug/l	96
47) Bromodichloromethane	7.90	83	181597	53.042	ug/l	99
48) Methyl methacrylate	7.77	41	172911	52.466	ug/l	99
49) 1,4-Dioxane	7.75	88	58529	714.840	ug/l	95
51) 4-Methyl-2-Pentanone	8.65	43	1145721	250.603	ug/l	99
52) Toluene	8.79	92	334577	51.319	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	204873	52.955	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	221447	54.647	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	140321	49.136	ug/l	96
56) Ethyl methacrylate	9.18	69	216482	46.902	ug/l	98
57) 1,3-Dichloropropane	9.37	76	234420	49.321	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	598180	243.490	ug/l	99
59) 2-Hexanone	9.49	43	883045	231.781	ug/l	95
60) Dibromochloromethane	9.59	129	146966	51.459	ug/l	100
61) 1,2-Dibromoethane	9.67	107	143883	47.045	ug/l	96
64) Tetrachloroethene	9.34	164	145986	48.438	ug/l	96
65) Chlorobenzene	10.14	112	378638	48.220	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	140085	50.745	ug/l	99
67) Ethyl Benzene	10.25	91	647796	51.963	ug/l	94
68) m/p-Xylenes	10.36	106	507176	104.109	ug/l	95
69) o-Xylene	10.70	106	241913	54.064	ug/l	99
70) Styrene	10.71	104	414211	49.517	ug/l	100
71) Bromoform	10.86	173	118879	50.300	ug/l	97
73) Isopropylbenzene	11.02	105	664270	54.280	ug/l	100
74) N-amyl acetate	10.90	43	304010	45.364	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	221515	44.466	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	206418m	47.433	ug/l	
77) Bromobenzene	11.26	156	175715	49.433	ug/l	100
78) n-propylbenzene	11.36	91	776267	55.284	ug/l	99
79) 2-Chlorotoluene	11.42	91	455726	52.069	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	569886	50.811	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	66584	42.059	ug/l	99
82) 4-Chlorotoluene	11.51	91	546213	53.021	ug/l	99
83) tert-Butylbenzene	11.77	119	561820	55.759	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	589236	50.944	ug/l	99
85) sec-Butylbenzene	11.94	105	689991	56.221	ug/l	100
86) p-Isopropyltoluene	12.07	119	623988	56.118	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	333329	50.219	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	337957	49.324	ug/l	99
89) n-Butylbenzene	12.39	91	576273	57.066	ug/l	100
90) Hexachloroethane	12.60	117	99633	53.817	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	329674	47.528	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	49608	45.353	ug/l	98

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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	263333	54.119	ug/l	99
94) Hexachlorobutadiene	13.79	225	131072	51.947	ug/l	99
95) Naphthalene	13.83	128	772320	47.853	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	260682	51.862	ug/l	99

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

