

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100418\
 Data File : VX005067.D
 Acq On : 05 Oct 2018 13:51
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 105 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

apatel
 10/5/2018 4:49:41 PM

Quant Time: Oct 05 14:29:39 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	220374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	329451	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	309238	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	191366	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	158381	50.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.62%	
35) Dibromofluoromethane	5.50	113	128842	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.72	98	472330	50.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.76%	
62) 4-Bromofluorobenzene	11.14	95	179310	53.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	163697	54.480	ug/l	91
3) Chloromethane	1.32	50	169581	46.518	ug/l	99
4) Vinyl Chloride	1.40	62	173302	50.686	ug/l	95
5) Bromomethane	1.64	94	116703	57.560	ug/l	95
6) Chloroethane	1.71	64	99090	53.334	ug/l	97
7) Trichlorofluoromethane	1.92	101	217477	51.379	ug/l	94
8) Diethyl Ether	2.18	74	93766	50.992	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	125166	51.912	ug/l	98
10) Methyl Iodide	2.51	142	149676	46.390	ug/l	93
11) Tert butyl alcohol	3.09	59	232347	263.964	ug/l	98
12) 1,1-Dichloroethene	2.37	96	120222	50.348	ug/l	95
13) Acrolein	2.29	56	90174	143.985	ug/l	92
14) Allyl chloride	2.72	41	281418	54.015	ug/l	96
15) Acrylonitrile	3.15	53	513946	265.234	ug/l	96
16) Acetone	2.45	43	447802	243.650	ug/l	95
17) Carbon Disulfide	2.56	76	315126	43.919	ug/l	98
18) Methyl Acetate	2.78	43	298474	64.098	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	459030	55.732	ug/l	96
20) Methylene Chloride	2.85	84	146343	54.846	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	127201	48.663	ug/l	86
22) Diisopropyl ether	3.88	45	498456	56.816	ug/l	# 86
23) Vinyl Acetate	3.82	43	2032275	253.064	ug/l	99
24) 1,1-Dichloroethane	3.69	63	265410	50.715	ug/l	100
25) 2-Butanone	4.71	43	709304	261.822	ug/l	95
26) 2,2-Dichloropropane	4.59	77	186285	51.117	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	147287	50.439	ug/l	92
28) Bromochloromethane	5.02	49	126026	51.138	ug/l	99
29) Tetrahydrofuran	5.16	42	455781	270.685	ug/l	97
30) Chloroform	5.21	83	242443	49.018	ug/l	98
31) Cyclohexane	5.57	56	203260	50.746	ug/l	92
32) 1,1,1-Trichloroethane	5.50	97	210176	52.033	ug/l	95
36) 1,1-Dichloropropene	5.79	75	173568	45.562	ug/l	94
37) Ethyl Acetate	4.86	43	241259	47.710	ug/l	99
38) Carbon Tetrachloride	5.79	117	178356	44.539	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	195411	50.235	ug/l #	86
40) Benzene	6.15	78	550359	46.146	ug/l	95
41) Methacrylonitrile	5.06	41	141844	50.580	ug/l	99
42) 1,2-Dichloroethane	6.20	62	197447	46.832	ug/l	98
43) Isopropyl Acetate	6.46	43	366032	50.151	ug/l	97
44) Trichloroethene	7.21	130	140383	47.882	ug/l	97
45) 1,2-Dichloropropane	7.52	63	146043	49.934	ug/l	98
46) Dibromomethane	7.66	93	93180	50.694	ug/l	99
47) Bromodichloromethane	7.90	83	179128	52.051	ug/l	100
48) Methyl methacrylate	7.78	41	187834	56.700	ug/l	100
49) 1,4-Dioxane	7.76	88	81741	993.186	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1286437	279.929	ug/l	99
52) Toluene	8.79	92	331341	50.560	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	203149	52.238	ug/l	92
54) cis-1,3-Dichloropropene	8.44	75	218466	53.633	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	142122	49.510	ug/l	96
56) Ethyl methacrylate	9.18	69	227164	48.837	ug/l	97
57) 1,3-Dichloropropane	9.37	76	237698	49.752	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	613808	248.266	ug/l	100
59) 2-Hexanone	9.50	43	1020612	266.508	ug/l	95
60) Dibromochloromethane	9.59	129	145520	50.689	ug/l	99
61) 1,2-Dibromoethane	9.67	107	146877	47.776	ug/l	96
64) Tetrachloroethene	9.34	164	147062	48.319	ug/l	96
65) Chlorobenzene	10.14	112	376074	47.426	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	139213	49.937	ug/l	99
67) Ethyl Benzene	10.26	91	636988	50.597	ug/l	95
68) m/p-Xylenes	10.36	106	495786	100.778	ug/l	95
69) o-Xylene	10.70	106	241066	53.349	ug/l	99
70) Styrene	10.71	104	408801	48.442	ug/l	100
71) Bromoform	10.86	173	120301	50.405	ug/l	97
73) Isopropylbenzene	11.02	105	641757	53.205	ug/l	100
74) N-amyl acetate	10.90	43	328045	49.498	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	237244	48.318	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	218771m	51.005	ug/l	
77) Bromobenzene	11.26	156	176514	50.382	ug/l	99
78) n-propylbenzene	11.36	91	737650	53.299	ug/l	99
79) 2-Chlorotoluene	11.42	91	444695	51.549	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	550087	49.757	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	70316	44.922	ug/l	98
82) 4-Chlorotoluene	11.51	91	525171	51.721	ug/l	99
83) tert-Butylbenzene	11.77	119	535992	53.971	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	577021	50.614	ug/l	99
85) sec-Butylbenzene	11.94	105	642974	53.154	ug/l	100
86) p-Isopropyltoluene	12.07	119	580735	52.990	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	320836	49.042	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	326821	48.394	ug/l	100
89) n-Butylbenzene	12.39	91	515215	51.764	ug/l	100
90) Hexachloroethane	12.60	117	91738	50.275	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	328729	48.083	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	56466	52.376	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	245426	51.174	ug/l	99
94) Hexachlorobutadiene	13.79	225	113177	45.509	ug/l	99
95) Naphthalene	13.83	128	803949	50.499	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	251875	50.841	ug/l	100

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

