

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX102618\
 Data File : VX005624.D
 Acq On : 26 Oct 2018 23:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/29/2018 12:43:50 PM

Quant Time: Oct 27 06:00:44 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	5.66	168	240501	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	352731	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	306442	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	172341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	137836	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
35) Dibromofluoromethane	5.49	113	117428	49.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.34%	
50) Toluene-d8	8.71	98	407967	47.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.08%	
62) 4-Bromofluorobenzene	11.14	95	153286	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	142464	60.014	ug/l	96
3) Chloromethane	1.32	50	149343	49.400	ug/l	99
4) Vinyl Chloride	1.41	62	147077	49.478	ug/l	99
5) Bromomethane	1.64	94	91259	49.338	ug/l	95
6) Chloroethane	1.71	64	93529	49.253	ug/l	99
7) Trichlorofluoromethane	1.93	101	199939	48.406	ug/l	95
8) Diethyl Ether	2.19	74	78066	47.360	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	110671	46.699	ug/l	99
10) Methyl Iodide	2.51	142	129304	52.121	ug/l	99
11) Tert butyl alcohol	3.07	59	176060	222.858	ug/l	100
12) 1,1-Dichloroethene	2.37	96	106677	47.253	ug/l	97
13) Acrolein	2.29	56	83529	207.273	ug/l	96
14) Allyl chloride	2.73	41	232880	46.220	ug/l	99
15) Acrylonitrile	3.15	53	410212	231.562	ug/l	100
16) Acetone	2.45	43	359650	231.837	ug/l #	86
17) Carbon Disulfide	2.57	76	325252	47.262	ug/l	97
18) Methyl Acetate	2.78	43	192969	50.364	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	383727	47.650	ug/l	99
20) Methylene Chloride	2.85	84	119204	45.880	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	112204	45.520	ug/l	99
22) Diisopropyl ether	3.86	45	430764	48.958	ug/l	90
23) Vinyl Acetate	3.82	43	1829551	236.101	ug/l	96
24) 1,1-Dichloroethane	3.69	63	230159	48.114	ug/l	97
25) 2-Butanone	4.70	43	546377	231.288	ug/l	99
26) 2,2-Dichloropropane	4.58	77	142592	38.610	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	127472	47.969	ug/l	97
28) Bromochloromethane	5.02	49	107297	46.375	ug/l	99
29) Tetrahydrofuran	5.15	42	364866	237.335	ug/l	99
30) Chloroform	5.22	83	209126	46.736	ug/l	89
31) Cyclohexane	5.56	56	203935	51.525	ug/l #	84
32) 1,1,1-Trichloroethane	5.49	97	181895	46.057	ug/l	99
36) 1,1-Dichloropropene	5.79	75	166683	48.694	ug/l	98
37) Ethyl Acetate	4.85	43	213443	48.863	ug/l	99
38) Carbon Tetrachloride	5.77	117	164337	45.582	ug/l	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181390	47.988	ug/l	98
40) Benzene	6.13	78	474728	48.379	ug/l	97
41) Methacrylonitrile	5.06	41	114876	47.212	ug/l	97
42) 1,2-Dichloroethane	6.20	62	168038	45.078	ug/l	99
43) Isopropyl Acetate	6.46	43	310933	47.502	ug/l	99
44) Trichloroethene	7.21	130	126488	47.317	ug/l	99
45) 1,2-Dichloropropane	7.52	63	122139	46.297	ug/l	99
46) Dibromomethane	7.66	93	77366	45.405	ug/l	99
47) Bromodichloromethane	7.90	83	151214	45.725	ug/l	97
48) Methyl methacrylate	7.77	41	154871	48.567	ug/l	99
49) 1,4-Dioxane	7.75	88	58133	834.202	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1024957	232.990	ug/l	99
52) Toluene	8.79	92	283035	47.460	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	169471	47.416	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	182849	47.518	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	115633	45.990	ug/l	98
56) Ethyl methacrylate	9.18	69	189212	50.452	ug/l	98
57) 1,3-Dichloropropane	9.37	76	195408	45.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	490030	233.950	ug/l	100
59) 2-Hexanone	9.49	43	807633	232.847	ug/l	99
60) Dibromochloromethane	9.59	129	125179	47.718	ug/l	100
61) 1,2-Dibromoethane	9.67	107	122114	46.946	ug/l	100
64) Tetrachloroethene	9.34	164	124567	48.967	ug/l	99
65) Chlorobenzene	10.14	112	315998	48.425	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	116614	49.010	ug/l	98
67) Ethyl Benzene	10.25	91	551691	51.386	ug/l	99
68) m/p-Xylenes	10.36	106	424170	101.832	ug/l	100
69) o-Xylene	10.70	106	205285	52.384	ug/l	100
70) Styrene	10.71	104	345752	52.704	ug/l	99
71) Bromoform	10.86	173	104390	49.166	ug/l	98
73) Isopropylbenzene	11.02	105	559081	53.069	ug/l	100
74) N-amyl acetate	10.90	43	277071	53.078	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	189535	48.766	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	177254m	48.543	ug/l	
77) Bromobenzene	11.26	156	147818	50.347	ug/l	99
78) n-propylbenzene	11.36	91	643512	53.420	ug/l	100
79) 2-Chlorotoluene	11.42	91	382356	51.192	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	477443	52.978	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	53215	47.619	ug/l	96
82) 4-Chlorotoluene	11.51	91	452849	51.418	ug/l	100
83) tert-Butylbenzene	11.77	119	472947	52.647	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	492070	53.874	ug/l	100
85) sec-Butylbenzene	11.94	105	567717	52.962	ug/l	100
86) p-Isopropyltoluene	12.07	119	511553	53.384	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	274256	49.675	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	276560	47.989	ug/l	100
89) n-Butylbenzene	12.39	91	449898	52.007	ug/l	100
90) Hexachloroethane	12.60	117	84121	50.899	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	273608	48.983	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	47548	50.596	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	209702	51.789	ug/l	99
94) Hexachlorobutadiene	13.79	225	98246	46.821	ug/l	100
95) Naphthalene	13.83	128	648472	55.096	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	212479	51.766	ug/l	100

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

