

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100719\
 Data File : VX012854.D
 Acq On : 07 Oct 2019 21:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/8/2019 2:07:06 PM

Quant Time: Oct 08 12:34:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	188692	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	328225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	289647	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	138954	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	116786	42.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.00%	
35) Dibromofluoromethane	5.49	113	93438	47.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.60%	
50) Toluene-d8	8.71	98	343351	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	
62) 4-Bromofluorobenzene	11.13	95	135466	45.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	74636	35.160	ug/l	98
3) Chloromethane	1.31	50	81179	33.304	ug/l	98
4) Vinyl Chloride	1.40	62	92051	37.994	ug/l	99
5) Bromomethane	1.62	94	31462	33.028	ug/l	97
6) Chloroethane	1.70	64	60549	37.072	ug/l	95
7) Trichlorofluoromethane	1.91	101	136049	39.995	ug/l	99
8) Diethyl Ether	2.18	74	57886	41.525	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	89395	43.147	ug/l	97
10) Methyl Iodide	2.50	142	60891	30.087	ug/l	91
11) Tert butyl alcohol	3.04	59	157158	228.960	ug/l	98
12) 1,1-Dichloroethene	2.36	96	89870	44.298	ug/l	97
13) Acrolein	2.28	56	70238	186.407	ug/l	98
14) Allyl chloride	2.72	41	168525	41.869	ug/l	96
15) Acrylonitrile	3.13	53	305576	219.435	ug/l	99
16) Acetone	2.44	43	259071	178.005	ug/l	95
17) Carbon Disulfide	2.56	76	222575	39.134	ug/l	99
18) Methyl Acetate	2.76	43	153870	44.899	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	350164	45.600	ug/l	99
20) Methylene Chloride	2.84	84	107101	43.508	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	97530	43.393	ug/l	94
22) Diisopropyl ether	3.84	45	343031	44.105	ug/l	96
23) Vinyl Acetate	3.80	43	1470612	215.615	ug/l	97
24) 1,1-Dichloroethane	3.69	63	184779	43.707	ug/l	98
25) 2-Butanone	4.66	43	427412	204.812	ug/l	95
26) 2,2-Dichloropropane	4.57	77	140686	37.416	ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	116023	44.489	ug/l	92
28) Bromochloromethane	5.00	49	68412	44.566	ug/l	95
29) Tetrahydrofuran	5.12	42	273218	214.804	ug/l	96
30) Chloroform	5.20	83	188639	43.613	ug/l	99
31) Cyclohexane	5.58	56	159859	41.797	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	164153	42.822	ug/l	98
36) 1,1-Dichloropropene	5.79	75	137148	43.350	ug/l	98
37) Ethyl Acetate	4.82	43	161915	43.776	ug/l	97
38) Carbon Tetrachloride	5.78	117	138376	43.057	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	162600	42.692	ug/l	94
40) Benzene	6.13	78	417508	44.852	ug/l	98
41) Methacrylonitrile	5.03	41	92211	44.434	ug/l	95
42) 1,2-Dichloroethane	6.18	62	152333	43.095	ug/l	99
43) Isopropyl Acetate	6.43	43	270123	43.671	ug/l	96
44) Trichloroethene	7.20	130	108151	45.447	ug/l	97
45) 1,2-Dichloropropane	7.51	63	110443	46.342	ug/l	100
46) Dibromomethane	7.65	93	73174	45.096	ug/l	99
47) Bromodichloromethane	7.89	83	146341	45.125	ug/l	100
48) Methyl methacrylate	7.76	41	133297	44.943	ug/l	91
49) 1,4-Dioxane	7.73	88	59687	887.254	ug/l	97
51) 4-Methyl-2-Pentanone	8.64	43	845123	221.342	ug/l	96
52) Toluene	8.78	92	266067	45.477	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	164716	45.906	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	178798	45.639	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	109461	47.060	ug/l	96
56) Ethyl methacrylate	9.17	69	184904	47.318	ug/l	90
57) 1,3-Dichloropropane	9.37	76	185728	45.623	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	416196	237.276	ug/l	100
59) 2-Hexanone	9.49	43	652495	223.260	ug/l	93
60) Dibromochloromethane	9.58	129	114448	48.606	ug/l	99
61) 1,2-Dibromoethane	9.67	107	113649	46.948	ug/l	98
64) Tetrachloroethene	9.33	164	95186	47.134	ug/l	93
65) Chlorobenzene	10.14	112	281700	46.185	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	104272	47.183	ug/l	97
67) Ethyl Benzene	10.25	91	516802	46.716	ug/l	99
68) m/p-Xylenes	10.35	106	380349	91.781	ug/l	100
69) o-Xylene	10.70	106	188141	46.919	ug/l	100
70) Styrene	10.71	104	329727	49.050	ug/l	98
71) Bromoform	10.85	173	80210	52.125	ug/l	100
73) Isopropylbenzene	11.01	105	508180	44.903	ug/l	100
74) N-amyl acetate	10.89	43	241940	44.811	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.26	83	175761	46.893	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	164262m	44.689	ug/l	
77) Bromobenzene	11.25	156	115945	45.266	ug/l	99
78) n-propylbenzene	11.35	91	561197	44.045	ug/l	100
79) 2-Chlorotoluene	11.42	91	348245	43.814	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	432581	45.580	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	51502	40.154	ug/l	92
82) 4-Chlorotoluene	11.51	91	401553	44.318	ug/l	98
83) tert-Butylbenzene	11.76	119	417062	45.556	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	436622	45.606	ug/l	99
85) sec-Butylbenzene	11.94	105	483153	45.374	ug/l	99
86) p-Isopropyltoluene	12.06	119	445672	46.386	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	216900	47.054	ug/l	98
88) 1,4-Dichlorobenzene	12.09	146	217217	46.634	ug/l	100
89) n-Butylbenzene	12.39	91	380807	44.978	ug/l	99
90) Hexachloroethane	12.59	117	75605	44.138	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	218944	47.443	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	44191	47.133	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	137178	48.742	ug/l	99
94) Hexachlorobutadiene	13.78	225	58976	48.710	ug/l	98
95) Naphthalene	13.83	128	493110	48.427	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	140528	49.846	ug/l	99

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

