

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100819\
 Data File : VX012902.D
 Acq On : 08 Oct 2019 20:10
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 10/9/2019 10:36:14 AM

Quant Time: Oct 09 03:30:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	185022	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	316432	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	282669	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	133903	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	115751	50.05	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.10%	
35) Dibromofluoromethane	5.48	113	89803	49.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.90%	
50) Toluene-d8	8.71	98	347913	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.14	95	129928	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.19	85	96831	51.343	ug/l 99
3) Chloromethane	1.32	50	100753	49.088	ug/l 98
4) Vinyl Chloride	1.40	62	103322	48.771	ug/l 98
5) Bromomethane	1.63	94	40843	46.379	ug/l 100
6) Chloroethane	1.71	64	66936	51.713	ug/l 99
7) Trichlorofluoromethane	1.92	101	147074	51.436	ug/l 100
8) Diethyl Ether	2.18	74	56809	49.221	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93344	50.441	ug/l 99
10) Methyl Iodide	2.50	142	92677	44.795	ug/l 100
11) Tert butyl alcohol	3.03	59	144629	235.924	ug/l 100
12) 1,1-Dichloroethene	2.36	96	93315	49.908	ug/l 96
13) Acrolein	2.28	56	95214	218.553	ug/l 99
14) Allyl chloride	2.72	41	168449	50.589	ug/l 99
15) Acrylonitrile	3.13	53	293964	253.037	ug/l 99
16) Acetone	2.44	43	251230	206.106	ug/l 98
17) Carbon Disulfide	2.56	76	254468	47.730	ug/l 99
18) Methyl Acetate	2.76	43	141211	48.875	ug/l 99
19) Methyl tert-butyl Ether	3.18	73	330017	51.111	ug/l 99
20) Methylene Chloride	2.84	84	104415	46.610	ug/l 96
21) trans-1,2-Dichloroethene	3.16	96	100132	49.966	ug/l 98
22) Diisopropyl ether	3.84	45	327220	51.285	ug/l 94
23) Vinyl Acetate	3.80	43	1434713	260.476	ug/l 99
24) 1,1-Dichloroethane	3.69	63	181021	50.431	ug/l 100
25) 2-Butanone	4.66	43	405862	239.998	ug/l 98
26) 2,2-Dichloropropane	4.57	77	138401	45.852	ug/l 98
27) cis-1,2-Dichloroethene	4.58	96	115214	49.876	ug/l 98
28) Bromochloromethane	5.00	49	54783	51.079	ug/l 99
29) Tetrahydrofuran	5.11	42	261371	251.161	ug/l 99
30) Chloroform	5.20	83	181894	49.386	ug/l 98
31) Cyclohexane	5.57	56	168685	50.258	ug/l 98
32) 1,1,1-Trichloroethane	5.48	97	161182	51.649	ug/l 100
36) 1,1-Dichloropropene	5.79	75	138364	49.734	ug/l 99
37) Ethyl Acetate	4.82	43	154777	49.753	ug/l 100
38) Carbon Tetrachloride	5.78	117	137253	50.686	ug/l 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	174175	51.624	ug/l	99
40) Benzene	6.14	78	414442	50.438	ug/l	99
41) Methacrylonitrile	5.03	41	85398	49.958	ug/l	99
42) 1,2-Dichloroethane	6.19	62	148350	50.314	ug/l	100
43) Isopropyl Acetate	6.43	43	253118	50.694	ug/l	99
44) Trichloroethene	7.20	130	107910	47.359	ug/l	93
45) 1,2-Dichloropropane	7.51	63	105016	50.146	ug/l	100
46) Dibromomethane	7.65	93	70771	50.721	ug/l	99
47) Bromodichloromethane	7.89	83	144015	52.890	ug/l	97
48) Methyl methacrylate	7.76	41	124454	51.148	ug/l	99
49) 1,4-Dioxane	7.73	88	61152	938.759	ug/l	100
51) 4-Methyl-2-Pentanone	8.64	43	782968	251.508	ug/l	99
52) Toluene	8.78	92	265396	50.486	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	155684	45.996	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	171575	51.232	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	105519	50.722	ug/l	98
56) Ethyl methacrylate	9.17	69	173254	46.636	ug/l	99
57) 1,3-Dichloropropane	9.37	76	180667	50.204	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	395932	259.071	ug/l	99
59) 2-Hexanone	9.48	43	600972	247.993	ug/l	100
60) Dibromochloromethane	9.58	129	106125	45.995	ug/l	98
61) 1,2-Dibromoethane	9.67	107	110753	50.608	ug/l	99
64) Tetrachloroethene	9.33	164	96342	49.139	ug/l	95
65) Chlorobenzene	10.14	112	275812	49.135	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	100224	51.495	ug/l	99
67) Ethyl Benzene	10.25	91	507079	50.856	ug/l	99
68) m/p-Xylenes	10.36	106	381439	102.401	ug/l	100
69) o-Xylene	10.70	106	185486	51.063	ug/l	99
70) Styrene	10.71	104	320797	51.948	ug/l	99
71) Bromoform	10.85	173	75563	45.851	ug/l #	99
73) Isopropylbenzene	11.01	105	494995	50.280	ug/l	99
74) N-amyl acetate	10.89	43	221027	52.130	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	163002	49.781	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	128928m	43.411	ug/l	
77) Bromobenzene	11.25	156	112447	48.471	ug/l	98
78) n-propylbenzene	11.35	91	554091	51.149	ug/l	98
79) 2-Chlorotoluene	11.42	91	332288	48.807	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	417885	50.835	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	50428	44.180	ug/l	98
82) 4-Chlorotoluene	11.51	91	392848	50.343	ug/l	99
83) tert-Butylbenzene	11.77	119	402618	50.208	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	411442	49.420	ug/l	98
85) sec-Butylbenzene	11.94	105	472413	50.850	ug/l	99
86) p-Isopropyltoluene	12.06	119	429576	49.857	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	209647	48.664	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	207825	47.633	ug/l	99
89) n-Butylbenzene	12.39	91	375009	51.786	ug/l	98
90) Hexachloroethane	12.59	117	73252	46.076	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	206191	48.820	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	39916	52.010	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	131116	49.559	ug/l	98
94) Hexachlorobutadiene	13.78	225	57055	46.729	ug/l	97
95) Naphthalene	13.83	128	476206	51.924	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	133472	48.819	ug/l	98

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

