

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091820\
 Data File : VX018505.D
 Acq On : 18 Sep 2020 20:05
 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
 9/21/2020 11:50:53 AM

Quant Time: Sep 21 03:55:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	469986	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	767397	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	728234	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	392888	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	310469	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.46	113	239707	45.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.36%	
50) Toluene-d8	8.70	98	860354	44.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.28%	
62) 4-Bromofluorobenzene	11.12	95	349119	45.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	235496	52.851	ug/l	100
3) Chloromethane	1.31	50	229407	43.976	ug/l	100
4) Vinyl Chloride	1.39	62	266523	48.260	ug/l	98
5) Bromomethane	1.63	94	109946	32.436	ug/l	97
6) Chloroethane	1.71	64	158930	50.283	ug/l	95
7) Trichlorofluoromethane	1.92	101	436749	52.057	ug/l	97
8) Diethyl Ether	2.17	74	140144	47.610	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	223141	49.413	ug/l	99
10) Methyl Iodide	2.49	142	164291	31.428	ug/l	96
11) Tert butyl alcohol	3.01	59	300889	260.095	ug/l	100
12) 1,1-Dichloroethene	2.36	96	226826	49.835	ug/l	95
13) Acrolein	2.28	56	122540	167.291	ug/l	97
14) Allyl chloride	2.71	41	420135	47.634	ug/l	98
15) Acrylonitrile	3.12	53	701183	254.027	ug/l	99
16) Acetone	2.42	43	606803	238.644	ug/l	99
17) Carbon Disulfide	2.55	76	640416	47.113	ug/l	98
18) Methyl Acetate	2.75	43	320988	50.951	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	824888	51.628	ug/l	100
20) Methylene Chloride	2.84	84	265039	47.242	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	255012	48.209	ug/l	99
22) Diisopropyl ether	3.82	45	829044	50.006	ug/l	98
23) Vinyl Acetate	3.79	43	3780442	257.331	ug/l	100
24) 1,1-Dichloroethane	3.67	63	473005	49.471	ug/l	99
25) 2-Butanone	4.64	43	988835	249.726	ug/l	98
26) 2,2-Dichloropropane	4.55	77	383856	43.451	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	284284	47.948	ug/l	100
28) Bromochloromethane	4.98	49	206056	46.055	ug/l	99
29) Tetrahydrofuran	5.09	42	638925	256.008	ug/l	99
30) Chloroform	5.18	83	494326	50.955	ug/l	100
31) Cyclohexane	5.55	56	389793	48.446	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	462678	50.837	ug/l	100
36) 1,1-Dichloropropene	5.77	75	356249	47.829	ug/l	98
37) Ethyl Acetate	4.79	43	389737	49.000	ug/l	99
38) Carbon Tetrachloride	5.76	117	420755	51.006	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	404005	48.279	ug/l	98
40) Benzene	6.12	78	1026733	48.100	ug/l	100
41) Methacrylonitrile	5.00	41	213742	48.362	ug/l	99
42) 1,2-Dichloroethane	6.17	62	418025	50.338	ug/l	99
43) Isopropyl Acetate	6.42	43	642684	48.693	ug/l	100
44) Trichloroethene	7.19	130	303721	49.151	ug/l	95
45) 1,2-Dichloropropane	7.49	63	281179	47.992	ug/l	97
46) Dibromomethane	7.64	93	198223	49.245	ug/l	100
47) Bromodichloromethane	7.88	83	406874	50.155	ug/l	99
48) Methyl methacrylate	7.74	41	327779	51.021	ug/l	99
49) 1,4-Dioxane	7.71	88	97463	918.146	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	2012455	256.077	ug/l	99
52) Toluene	8.76	92	659048	49.064	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	445514	48.332	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	463844	48.845	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	274866	49.314	ug/l	98
56) Ethyl methacrylate	9.16	69	428606	51.860	ug/l	100
57) 1,3-Dichloropropane	9.35	76	459127	49.028	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1080377	245.875	ug/l	99
59) 2-Hexanone	9.48	43	1534400	256.698	ug/l	100
60) Dibromochloromethane	9.57	129	337955	50.849	ug/l	99
61) 1,2-Dibromoethane	9.65	107	301290	50.804	ug/l	100
64) Tetrachloroethene	9.32	164	263052	45.881	ug/l	98
65) Chlorobenzene	10.12	112	727537	48.518	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.21	131	285267	47.422	ug/l	97
67) Ethyl Benzene	10.24	91	1300669	50.112	ug/l	97
68) m/p-Xylenes	10.34	106	978571	99.667	ug/l	100
69) o-Xylene	10.68	106	469956	50.546	ug/l	100
70) Styrene	10.70	104	813548	50.677	ug/l	98
71) Bromoform	10.84	173	255181	50.523	ug/l #	95
73) Isopropylbenzene	11.00	105	1269995	48.387	ug/l	99
74) N-amyl acetate	10.88	43	589054	49.851	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	413125	47.554	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	395958m	47.958	ug/l	
77) Bromobenzene	11.24	156	338233	46.705	ug/l	98
78) n-propylbenzene	11.34	91	1478096	48.112	ug/l	100
79) 2-Chlorotoluene	11.40	91	896800	48.225	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1095308	48.797	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	137123	42.559	ug/l	98
82) 4-Chlorotoluene	11.49	91	1054693	47.711	ug/l	99
83) tert-Butylbenzene	11.76	119	1089952	50.013	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	1123449	49.698	ug/l	99
85) sec-Butylbenzene	11.93	105	1247815	48.526	ug/l	99
86) p-Isopropyltoluene	12.05	119	1185141	50.148	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	599752	46.061	ug/l	97
88) 1,4-Dichlorobenzene	12.09	146	619941	46.957	ug/l	99
89) n-Butylbenzene	12.37	91	1023988	46.804	ug/l	99
90) Hexachloroethane	12.58	117	220581	46.752	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	582564	47.802	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	105910	50.219	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	406449	47.920	ug/l	94
94) Hexachlorobutadiene	13.77	225	161626	45.410	ug/l	98
95) Naphthalene	13.82	128	1278403	49.907	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	390414	48.163	ug/l	100

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

