

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX091620\
 Data File : VX018429.D
 Acq On : 16 Sep 2020 10:01
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 11:27:23 AM

Quant Time: Sep 16 15:27:48 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	414487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	628564	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	594792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	335693	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	279081	48.50	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	97.00%	
35) Dibromofluoromethane	5.46	113	216844	50.65	ug/l	-0.01
Spiked Amount				50.000		
			Recovery	=	101.30%	
50) Toluene-d8	8.70	98	743864	46.65	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.30%	
62) 4-Bromofluorobenzene	11.12	95	316005	50.37	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.74%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	229979	45.572	ug/l	98
3) Chloromethane	1.31	50	218922	41.148	ug/l	97
4) Vinyl Chloride	1.39	62	232996	43.993	ug/l	100
5) Bromomethane	1.62	94	151213	59.194	ug/l	97
6) Chloroethane	1.71	64	139760	49.132	ug/l	100
7) Trichlorofluoromethane	1.92	101	403657	55.895	ug/l	92
8) Diethyl Ether	2.17	74	126701	51.733	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	207003	53.020	ug/l	96
10) Methyl Iodide	2.49	142	228857	54.281	ug/l	97
11) Tert butyl alcohol	3.01	59	255385	228.264	ug/l	98
12) 1,1-Dichloroethene	2.36	96	186409	46.021	ug/l	95
13) Acrolein	2.27	56	115474	248.916	ug/l	98
14) Allyl chloride	2.71	41	363158	49.902	ug/l	96
15) Acrylonitrile	3.11	53	585838	230.836	ug/l	99
16) Acetone	2.42	43	591015	263.591	ug/l	95
17) Carbon Disulfide	2.55	76	502162	41.010	ug/l	98
18) Methyl Acetate	2.75	43	317022	58.593	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	735362	52.936	ug/l	99
20) Methylene Chloride	2.83	84	227031	49.510	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	217156	48.389	ug/l	99
22) Diisopropyl ether	3.82	45	735363	51.197	ug/l	89
23) Vinyl Acetate	3.78	43	3132049	245.063	ug/l	98
24) 1,1-Dichloroethane	3.67	63	413272	50.545	ug/l	98
25) 2-Butanone	4.63	43	861617	233.823	ug/l	96
26) 2,2-Dichloropropane	4.55	77	400788	60.246	ug/l	97
27) cis-1,2-Dichloroethene	4.56	96	249989	48.348	ug/l	99
28) Bromochloromethane	4.98	49	178780	45.300	ug/l	99
29) Tetrahydrofuran	5.08	42	520203	221.765	ug/l	99
30) Chloroform	5.17	83	440882	52.076	ug/l	99
31) Cyclohexane	5.54	56	321198	46.636	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	408878	52.628	ug/l	99
36) 1,1-Dichloropropene	5.76	75	313167	54.017	ug/l	99
37) Ethyl Acetate	4.78	43	322313	47.867	ug/l	97
38) Carbon Tetrachloride	5.74	117	384072	58.784	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	336046	53.009	ug/l	99
40) Benzene	6.11	78	875066	51.367	ug/l	99
41) Methacrylonitrile	5.00	41	177946	48.130	ug/l	96
42) 1,2-Dichloroethane	6.15	62	373112	57.165	ug/l	98
43) Isopropyl Acetate	6.41	43	533306	49.036	ug/l	99
44) Trichloroethene	7.18	130	252786	52.516	ug/l	100
45) 1,2-Dichloropropane	7.48	63	238240	51.889	ug/l	94
46) Dibromomethane	7.63	93	168804	52.282	ug/l	99
47) Bromodichloromethane	7.87	83	359365	55.744	ug/l	98
48) Methyl methacrylate	7.74	41	270908	50.038	ug/l	99
49) 1,4-Dioxane	7.71	88	99239	1011.906	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1663900	247.674	ug/l	100
52) Toluene	8.76	92	565859	52.384	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	396637	55.513	ug/l	96
54) cis-1,3-Dichloropropene	8.41	75	412574	54.509	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	241391	52.396	ug/l	97
56) Ethyl methacrylate	9.16	69	355857	51.959	ug/l	99
57) 1,3-Dichloropropane	9.35	76	400028	52.645	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	912283	296.107	ug/l	98
59) 2-Hexanone	9.47	43	1323530	259.092	ug/l	98
60) Dibromochloromethane	9.56	129	301208	55.733	ug/l	100
61) 1,2-Dibromoethane	9.65	107	258615	51.706	ug/l	99
64) Tetrachloroethene	9.32	164	245394	56.143	ug/l	92
65) Chlorobenzene	10.12	112	647344	54.494	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	264898	56.577	ug/l	99
67) Ethyl Benzene	10.23	91	1113929	55.140	ug/l	99
68) m/p-Xylenes	10.34	106	846199	112.224	ug/l	96
69) o-Xylene	10.68	106	404900	55.394	ug/l	98
70) Styrene	10.70	104	717932	57.675	ug/l	99
71) Bromoform	10.84	173	230411	57.695	ug/l	# 98
73) Isopropylbenzene	11.00	105	1133745	51.202	ug/l	99
74) N-amyl acetate	10.88	43	485094	46.173	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	360783	46.188	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	358565m	48.016	ug/l	
77) Bromobenzene	11.24	156	302211	49.375	ug/l	98
78) n-propylbenzene	11.34	91	1340887	53.333	ug/l	99
79) 2-Chlorotoluene	11.40	91	797229	51.324	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	989897	54.402	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	133447	48.264	ug/l	96
82) 4-Chlorotoluene	11.49	91	973390	52.713	ug/l	99
83) tert-Butylbenzene	11.76	119	960681	53.499	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	1016903	54.663	ug/l	99
85) sec-Butylbenzene	11.93	105	1144453	56.044	ug/l	100
86) p-Isopropyltoluene	12.05	119	1089341	58.075	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	546591	50.864	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	553296	51.423	ug/l	98
89) n-Butylbenzene	12.37	91	984175	57.486	ug/l	99
90) Hexachloroethane	12.58	117	209292	56.712	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	530872	52.481	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	90646	46.412	ug/l	94

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93) 1,2,4-Trichlorobenzene	13.63	180	367747	54.518	ug/l	98
94) Hexachlorobutadiene	13.76	225	157193	59.082	ug/l	95
95) Naphthalene	13.82	128	1120490	50.474	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	353632	53.057	ug/l	99

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

