

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX101920\
 Data File : VX018961.D
 Acq On : 19 Oct 2020 19:07
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX101920

Manual Integrations
 APPROVED

MMDadoda
 10/20/2020 4:52:10 PM

Quant Time: Oct 20 09:40:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X101920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 19 18:41:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	101861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	183879	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	170772	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	88470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	64595	49.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.28%	
35) Dibromofluoromethane	5.46	113	55531	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.70	98	218930	49.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.20%	
62) 4-Bromofluorobenzene	11.12	95	77870	49.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.48%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	48293	52.759	ug/l	97
3) Chloromethane	1.31	50	50124	50.248	ug/l	99
4) Vinyl Chloride	1.39	62	67746	50.651	ug/l	98
5) Bromomethane	1.62	94	64658	58.012	ug/l	98
6) Chloroethane	1.71	64	49413	51.198	ug/l	99
7) Trichlorofluoromethane	1.92	101	114574	50.766	ug/l	99
8) Diethyl Ether	2.17	74	44904	50.202	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.36	101	54192	43.606	ug/l	97
10) Methyl Iodide	2.49	142	57606	49.239	ug/l	98
11) Tert butyl alcohol	3.02	59	75045	247.663	ug/l	100
12) 1,1-Dichloroethene	2.36	96	62319	46.977	ug/l	99
13) Acrolein	2.28	56	50503	253.199	ug/l	98
14) Allyl chloride	2.71	41	73584	45.966	ug/l	99
15) Acrylonitrile	3.12	53	137786	246.871	ug/l	100
16) Acetone	2.42	43	118556	256.337	ug/l	99
17) Carbon Disulfide	2.55	76	142784	47.379	ug/l	99
18) Methyl Acetate	2.75	43	60812	52.237	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	168357	49.281	ug/l	100
20) Methylene Chloride	2.83	84	56918	47.107	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	59557	49.003	ug/l	97
22) Diisopropyl ether	3.82	45	147294	49.749	ug/l #	87
23) Vinyl Acetate	3.79	43	727466	254.489	ug/l	99
24) 1,1-Dichloroethane	3.67	63	100351	49.448	ug/l	99
25) 2-Butanone	4.64	43	204454	248.642	ug/l	100
26) 2,2-Dichloropropane	4.55	77	90986	47.865	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	69983	49.633	ug/l	100
28) Bromochloromethane	4.98	49	42153	49.330	ug/l	97
29) Tetrahydrofuran	5.09	42	120102	248.569	ug/l	98
30) Chloroform	5.18	83	110624	50.399	ug/l	99
31) Cyclohexane	5.55	56	80797	50.368	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	100893	50.892	ug/l	99
36) 1,1-Dichloropropene	5.77	75	84365	48.259	ug/l	100
37) Ethyl Acetate	4.79	43	80059	46.352	ug/l	99
38) Carbon Tetrachloride	5.75	117	88769	49.236	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	91713	48.806	ug/l	97
40) Benzene	6.11	78	249363	49.562	ug/l	98
41) Methacrylonitrile	5.01	41	42084	47.091	ug/l	99
42) 1,2-Dichloroethane	6.16	62	84726	49.102	ug/l	100
43) Isopropyl Acetate	6.41	43	132776	47.707	ug/l	99
44) Trichloroethene	7.19	130	66902	48.136	ug/l	94
45) 1,2-Dichloropropane	7.49	63	60249	48.415	ug/l	100
46) Dibromomethane	7.64	93	44003	49.442	ug/l	97
47) Bromodichloromethane	7.87	83	88885	49.427	ug/l	99
48) Methyl methacrylate	7.74	41	62010	48.051	ug/l	99
49) 1,4-Dioxane	7.71	88	29088	983.683	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	398936	246.678	ug/l	100
52) Toluene	8.76	92	164538	50.578	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	101146	49.501	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	105166	48.771	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	64225	50.323	ug/l	97
56) Ethyl methacrylate	9.16	69	99345	50.707	ug/l	99
57) 1,3-Dichloropropane	9.35	76	107759	50.230	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	255705	236.427	ug/l	99
59) 2-Hexanone	9.47	43	302011	245.659	ug/l	99
60) Dibromochloromethane	9.57	129	73787	52.233	ug/l	100
61) 1,2-Dibromoethane	9.65	107	70888	51.270	ug/l	100
64) Tetrachloroethene	9.32	164	59407	49.234	ug/l	94
65) Chlorobenzene	10.12	112	172876	48.387	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	64871	49.481	ug/l	99
67) Ethyl Benzene	10.24	91	307983	49.643	ug/l	97
68) m/p-Xylenes	10.34	106	240209	99.900	ug/l	99
69) o-Xylene	10.68	106	115249	49.674	ug/l	98
70) Styrene	10.70	104	196316	50.312	ug/l	99
71) Bromoform	10.84	173	54846	45.894	ug/l #	98
73) Isopropylbenzene	11.00	105	304713	47.533	ug/l	99
74) N-amyl acetate	10.88	43	107221	44.559	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	97536	46.702	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	89586m	46.592	ug/l	
77) Bromobenzene	11.24	156	77191	49.692	ug/l	94
78) n-propylbenzene	11.34	91	343086	46.816	ug/l	100
79) 2-Chlorotoluene	11.40	91	201672	47.147	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	255259	47.710	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	35275	46.211	ug/l	99
82) 4-Chlorotoluene	11.49	91	239588	46.606	ug/l	100
83) tert-Butylbenzene	11.76	119	260581	48.799	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	259192	48.492	ug/l	98
85) sec-Butylbenzene	11.93	105	298230	47.492	ug/l	99
86) p-Isopropyltoluene	12.05	119	280516	48.846	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	142493	48.876	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	142664	47.072	ug/l	98
89) n-Butylbenzene	12.37	91	245615	46.926	ug/l	100
90) Hexachloroethane	12.58	117	45604	48.658	ug/l	100
91) 1,2-Dichlorobenzene	12.37	146	137780	49.155	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22621	47.639	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	93656	48.239	ug/l	99
94) Hexachlorobutadiene	13.76	225	38759	48.004	ug/l	98
95) Naphthalene	13.82	128	317218	47.973	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	90738	48.287	ug/l	97

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

