

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052620\
 Data File : VX016427.D
 Acq On : 26 May 2020 15:32
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/27/2020 12:27:45 PM

Quant Time: May 26 16:04:27 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052620W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 26 15:50:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	131176	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	226687	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	204343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	91128	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	1349	1.014	ug/l	91
3) Chloromethane	1.31	50	1834	1.168	ug/l #	81
4) Vinyl Chloride	1.39	62	2402	1.386	ug/l	89
6) Chloroethane	1.72	64	2024	1.881	ug/l	96
7) Trichlorofluoromethane	1.92	101	3720	1.578	ug/l	93
8) Diethyl Ether	2.17	74	2056	2.085	ug/l	79
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2085	1.619	ug/l	90
12) 1,1-Dichloroethene	2.36	96	1873	1.391	ug/l	93
14) Allyl chloride	2.70	41	2713	1.116	ug/l	96
15) Acrylonitrile	3.12	53	4720	5.316	ug/l	90
16) Acetone	2.42	43	4509	5.964	ug/l	89
17) Carbon Disulfide	2.55	76	7765	1.697	ug/l	98
18) Methyl Acetate	2.75	43	2640	1.421	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	5378	1.152	ug/l	95
20) Methylene Chloride	2.84	84	2339	1.486	ug/l #	97
21) trans-1,2-Dichloroethene	3.15	96	2240	1.472	ug/l #	75
22) Diisopropyl ether	3.82	45	5047	1.084	ug/l #	93
23) Vinyl Acetate	3.78	43	20153	4.928	ug/l	96
24) 1,1-Dichloroethane	3.67	63	3176	1.211	ug/l	93
25) 2-Butanone	4.64	43	7133	5.848	ug/l	92
26) 2,2-Dichloropropane	4.55	77	2933	1.222	ug/l	80
27) cis-1,2-Dichloroethene	4.57	96	2301	1.378	ug/l	94
28) Bromochloromethane	4.98	49	1959m	1.631	ug/l	
29) Tetrahydrofuran	5.10	42	4476	5.546	ug/l	94
30) Chloroform	5.18	83	3119	1.183	ug/l	84
32) 1,1,1-Trichloroethane	5.46	97	3202	1.332	ug/l #	48
36) 1,1-Dichloropropene	5.78	75	2866	1.292	ug/l #	59
37) Ethyl Acetate	4.80	43	2517	0.995	ug/l #	76
38) Carbon Tetrachloride	5.76	117	2653	1.172	ug/l #	90
39) Methylcyclohexane	7.44	83	3016	1.149	ug/l	89
40) Benzene	6.12	78	6819	1.049	ug/l	99
41) Methacrylonitrile	5.02	41	1810	1.326	ug/l #	41
42) 1,2-Dichloroethane	6.16	62	2612	1.117	ug/l	90
43) Isopropyl Acetate	6.42	43	4439	1.097	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.20	130	2698	1.175	ug/l	78
45) 1,2-Dichloropropane	7.48	63	1875	1.149	ug/l	95
46) Dibromomethane	7.63	93	1340	1.188	ug/l	89
47) Bromodichloromethane	7.87	83	2489	1.092	ug/l #	82
48) Methyl methacrylate	7.74	41	1829	0.959	ug/l #	88
49) 1,4-Dioxane	7.73	88	918	19.772	ug/l #	63
51) 4-Methyl-2-Pentanone	8.62	43	11225	4.526	ug/l	98
52) Toluene	8.76	92	4476	1.100	ug/l	90
53) t-1,3-Dichloropropene	9.02	75	2995	1.106	ug/l	89
54) cis-1,3-Dichloropropene	8.42	75	2846	1.010	ug/l #	73
55) 1,1,2-Trichloroethane	9.20	97	1726	1.074	ug/l	94
56) Ethyl methacrylate	9.16	69	2351	0.910	ug/l #	89
57) 1,3-Dichloropropane	9.35	76	3303	1.187	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	6074	4.425	ug/l	97
59) 2-Hexanone	9.48	43	8558	4.391	ug/l	97
60) Dibromochloromethane	9.57	129	1830	1.028	ug/l	96
61) 1,2-Dibromoethane	9.65	107	2003	1.147	ug/l	98
64) Tetrachloroethene	9.32	164	2733	1.103	ug/l	91
65) Chlorobenzene	10.12	112	4651	1.090	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	1584	1.001	ug/l #	62
67) Ethyl Benzene	10.24	91	7830	1.035	ug/l	98
68) m/p-Xylenes	10.34	106	5944	2.091	ug/l	95
69) o-Xylene	10.68	106	2800	1.022	ug/l	98
70) Styrene	10.70	104	4565	0.986	ug/l	98
71) Bromoform	10.84	173	1187	0.920	ug/l #	91
73) Isopropylbenzene	11.00	105	7284	1.108	ug/l	100
74) N-amyl acetate	10.88	43	3318	1.102	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.25	83	1886	1.562	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	2239m	1.098	ug/l	
77) Bromobenzene	11.24	156	1941	1.136	ug/l	86
78) n-propylbenzene	11.34	91	8867	1.162	ug/l	96
79) 2-Chlorotoluene	11.40	91	5502	1.219	ug/l	97
80) 1,3,5-Trimethylbenzene	11.49	105	5860	1.056	ug/l	98
82) 4-Chlorotoluene	11.49	91	6490	1.217	ug/l	97
83) tert-Butylbenzene	11.76	119	5281	1.105	ug/l	91
84) 1,2,4-Trimethylbenzene	11.79	105	5815	1.039	ug/l	99
85) sec-Butylbenzene	11.93	105	6564	1.027	ug/l	99
86) p-Isopropyltoluene	12.05	119	6188	1.045	ug/l	90
87) 1,3-Dichlorobenzene	12.01	146	3669	1.202	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	3936m	1.270	ug/l	
89) n-Butylbenzene	12.37	91	6155	1.144	ug/l	96
90) Hexachloroethane	12.58	117	1124	1.098	ug/l	76
91) 1,2-Dichlorobenzene	12.38	146	3512	1.189	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	683	1.270	ug/l	72
93) 1,2,4-Trichlorobenzene	13.63	180	2528	1.181	ug/l	98
94) Hexachlorobutadiene	13.77	225	1680	1.754	ug/l	88
95) Naphthalene	13.82	128	7176	1.023	ug/l	98
96) 1,2,3-Trichlorobenzene	14.00	180	2249	1.080	ug/l	92

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

