

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031820\
 Data File : VX015321.D
 Acq On : 18 Mar 2020 12:22
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/19/2020 12:00:48 PM

Quant Time: Mar 18 14:53:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031820W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 18 14:21:46 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	571536	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1087630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1041922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	414004	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	1.19	85	7540	1.454	ug/l	96
3) Chloromethane	1.32	50	7533	1.068	ug/l	94
4) Vinyl Chloride	1.40	62	7080	0.987	ug/l	93
6) Chloroethane	1.72	64	5275	1.226	ug/l	96
7) Trichlorofluoromethane	1.93	101	11111	1.285	ug/l	92
8) Diethyl Ether	2.18	74	4624	1.201	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	9033	1.647	ug/l	94
12) 1,1-Dichloroethene	2.37	96	8721	1.536	ug/l	96
14) Allyl chloride	2.72	41	11460	1.171	ug/l #	83
15) Acrylonitrile	3.13	53	19210	6.317	ug/l	92
16) Acetone	2.44	43	19234	7.060	ug/l	97
17) Carbon Disulfide	2.56	76	21556	1.362	ug/l	100
18) Methyl Acetate	2.76	43	8433	1.234	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	21805	1.215	ug/l	99
20) Methylene Chloride	2.84	84	10919	1.625	ug/l #	92
21) trans-1,2-Dichloroethene	3.16	96	8812	1.408	ug/l #	81
22) Diisopropyl ether	3.84	45	20991	1.066	ug/l #	96
23) Vinyl Acetate	3.80	43	80281	4.987	ug/l	98
24) 1,1-Dichloroethane	3.69	63	16661	1.509	ug/l #	95
25) 2-Butanone	4.68	43	23694	5.822	ug/l #	80
26) 2,2-Dichloropropane	4.57	77	12562	1.445	ug/l	81
27) cis-1,2-Dichloroethene	4.59	96	8728	1.257	ug/l	90
28) Bromochloromethane	5.00	49	4874	0.988	ug/l #	94
29) Tetrahydrofuran	5.12	42	16122	6.086	ug/l	96
30) Chloroform	5.19	83	16443	1.519	ug/l	86
32) 1,1,1-Trichloroethane	5.48	97	12629	1.400	ug/l #	48
36) 1,1-Dichloropropene	5.79	75	11580	1.147	ug/l #	88
37) Ethyl Acetate	4.83	43	9322	1.012	ug/l #	79
38) Carbon Tetrachloride	5.78	117	10116	1.058	ug/l #	70
39) Methylcyclohexane	7.45	83	14292	1.205	ug/l	90
40) Benzene	6.13	78	32511	1.080	ug/l #	87
41) Methacrylonitrile	5.03	41	4279	0.777	ug/l #	80
42) 1,2-Dichloroethane	6.18	62	9759	0.966	ug/l	80
43) Isopropyl Acetate	6.43	43	13192	0.820	ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	10986	1.322	ug/l	94
45) 1,2-Dichloropropane	7.51	63	7040	0.913	ug/l #	81
46) Dibromomethane	7.65	93	5185	1.023	ug/l	88
47) Bromodichloromethane	7.89	83	9419	0.945	ug/l #	98
48) Methyl methacrylate	7.76	41	5886	0.719	ug/l #	79
49) 1,4-Dioxane	7.76	88	4254	23.213	ug/l #	71
51) 4-Methyl-2-Pentanone	8.64	43	42527	4.454	ug/l	94
52) Toluene	8.78	92	19204	1.043	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	8388	0.795	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	11050	0.920	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	9184	1.209	ug/l #	89
56) Ethyl methacrylate	9.17	69	8357	0.781	ug/l #	86
57) 1,3-Dichloropropane	9.37	76	14827m	1.166	ug/l	
58) 2-Chloroethyl Vinyl ether	8.31	63	21015	3.612	ug/l	93
59) 2-Hexanone	9.49	43	28014	3.965	ug/l	97
60) Dibromochloromethane	9.57	129	7179	0.906	ug/l	88
61) 1,2-Dibromoethane	9.67	107	8459	1.055	ug/l	91
64) Tetrachloroethene	9.33	164	8792	1.042	ug/l	95
65) Chlorobenzene	10.14	112	23082	1.092	ug/l #	88
66) 1,1,1,2-Tetrachloroethane	10.21	131	8817	1.117	ug/l #	65
67) Ethyl Benzene	10.25	91	35910	1.002	ug/l	99
68) m/p-Xylenes	10.35	106	25921	1.897	ug/l	93
69) o-Xylene	10.69	106	13528	1.034	ug/l	99
70) Styrene	10.71	104	19279	0.860	ug/l	94
71) Bromoform	10.85	173	4951	0.823	ug/l #	95
73) Isopropylbenzene	11.01	105	31773	1.176	ug/l	100
74) N-amyl acetate	10.89	43	9367	0.849	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.26	83	10081	1.124	ug/l #	92
76) 1,2,3-Trichloropropane	11.29	75	9354m	1.150	ug/l	
77) Bromobenzene	11.25	156	7910	1.068	ug/l	99
78) n-propylbenzene	11.35	91	34145	1.114	ug/l	98
79) 2-Chlorotoluene	11.42	91	21191	1.154	ug/l	89
80) 1,3,5-Trimethylbenzene	11.50	105	22595	1.010	ug/l	97
82) 4-Chlorotoluene	11.51	91	21628	0.998	ug/l	97
83) tert-Butylbenzene	11.76	119	23822	1.099	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	22618	0.998	ug/l	96
85) sec-Butylbenzene	11.94	105	26362	0.999	ug/l	98
86) p-Isopropyltoluene	12.06	119	23575	0.975	ug/l	89
87) 1,3-Dichlorobenzene	12.02	146	15083	1.146	ug/l	94
88) 1,4-Dichlorobenzene	12.09	146	16136m	1.191	ug/l	
89) n-Butylbenzene	12.38	91	23275	1.079	ug/l	93
90) Hexachloroethane	12.59	117	5763	1.261	ug/l	91
91) 1,2-Dichlorobenzene	12.38	146	15076	1.146	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	2782	1.567	ug/l	67
93) 1,2,4-Trichlorobenzene	13.64	180	8141	0.921	ug/l	97
94) Hexachlorobutadiene	13.77	225	3940	0.896	ug/l	86
95) Naphthalene	13.83	128	20582	0.820	ug/l	98
96) 1,2,3-Trichlorobenzene	14.01	180	7905	0.898	ug/l	96

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

