

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052720\
 Data File : VX016446.D
 Acq On : 27 May 2020 14:20
 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
 5/28/2020 2:10:03 PM

Quant Time: May 27 16:04:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 15:52:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	319771	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	487431	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437025	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	202964	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	2846	0.845	ug/l	92
3) Chloromethane	1.31	50	3923	1.001	ug/l	94
4) Vinyl Chloride	1.39	62	3996	0.954	ug/l	94
6) Chloroethane	1.72	64	2382	0.944	ug/l	99
7) Trichlorofluoromethane	1.92	101	4781	0.870	ug/l	89
8) Diethyl Ether	2.17	74	2456	1.065	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	2838	0.902	ug/l	96
12) 1,1-Dichloroethene	2.36	96	3224	0.978	ug/l	91
14) Allyl chloride	2.71	41	5640	0.930	ug/l	95
15) Acrylonitrile	3.12	53	9320	4.220	ug/l	99
16) Acetone	2.42	43	8359	4.469	ug/l	92
17) Carbon Disulfide	2.55	76	9225	0.823	ug/l	99
18) Methyl Acetate	2.75	43	4073	0.878	ug/l	92
19) Methyl tert-butyl Ether	3.17	73	10533	0.919	ug/l	92
20) Methylene Chloride	2.83	84	3757	0.973	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	3305	0.894	ug/l	84
22) Diisopropyl ether	3.82	45	9889	0.859	ug/l #	76
23) Vinyl Acetate	3.78	43	40088	3.964	ug/l	98
24) 1,1-Dichloroethane	3.67	63	5714	0.888	ug/l	94
25) 2-Butanone	4.64	43	13121	4.321	ug/l	96
26) 2,2-Dichloropropane	4.54	77	4919	0.855	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	4082	1.008	ug/l	89
28) Bromochloromethane	4.98	49	2966	1.015	ug/l #	97
29) Tetrahydrofuran	5.09	42	8041	4.002	ug/l	96
30) Chloroform	5.18	83	5817	0.908	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	5079	0.871	ug/l #	49
36) 1,1-Dichloropropene	5.77	75	4627	0.962	ug/l	99
37) Ethyl Acetate	4.79	43	5722	1.025	ug/l #	86
38) Carbon Tetrachloride	5.76	117	4673	0.953	ug/l	91
39) Methylcyclohexane	7.44	83	5011	0.882	ug/l	95
40) Benzene	6.10	78	13114	0.930	ug/l #	90
41) Methacrylonitrile	5.00	41	3083	1.025	ug/l	93
42) 1,2-Dichloroethane	6.16	62	4704	0.928	ug/l	95
43) Isopropyl Acetate	6.42	43	8267	0.931	ug/l #	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	4595	0.934	ug/l	96
45) 1,2-Dichloropropane	7.49	63	3315	0.931	ug/l #	82
46) Dibromomethane	7.64	93	2193	0.906	ug/l	96
47) Bromodichloromethane	7.87	83	4468	0.906	ug/l #	80
48) Methyl methacrylate	7.75	41	3920	0.928	ug/l	99
49) 1,4-Dioxane	7.72	88	1796	17.788	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	23116	4.239	ug/l	100
52) Toluene	8.76	92	8038	0.915	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	4882	0.833	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	5340	0.872	ug/l	91
55) 1,1,2-Trichloroethane	9.20	97	3187	0.923	ug/l #	90
56) Ethyl methacrylate	9.16	69	4778	0.845	ug/l	98
57) 1,3-Dichloropropane	9.35	76	5334	0.884	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	14557	4.867	ug/l	100
59) 2-Hexanone	9.48	43	17353	4.046	ug/l	93
60) Dibromochloromethane	9.57	129	3320	0.869	ug/l	98
61) 1,2-Dibromoethane	9.65	107	3339	0.895	ug/l	97
64) Tetrachloroethene	9.32	164	5248	0.988	ug/l	96
65) Chlorobenzene	10.12	112	8657	0.944	ug/l	95
66) 1,1,1,2-Tetrachloroethane	10.20	131	3255	0.959	ug/l #	66
67) Ethyl Benzene	10.24	91	14912	0.912	ug/l	95
68) m/p-Xylenes	10.34	106	10455	1.710	ug/l	99
69) o-Xylene	10.68	106	5173	0.881	ug/l	100
70) Styrene	10.70	104	8297	0.829	ug/l	97
71) Bromoform	10.84	173	2452	0.879	ug/l #	95
73) Isopropylbenzene	11.00	105	13316	0.905	ug/l	99
74) N-amyl acetate	10.88	43	5884	0.857	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	3024	1.102	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	4272m	0.929	ug/l	
77) Bromobenzene	11.24	156	3811	0.999	ug/l	89
78) n-propylbenzene	11.34	91	14372	0.841	ug/l	99
79) 2-Chlorotoluene	11.40	91	8984	0.887	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	10472	0.842	ug/l	98
82) 4-Chlorotoluene	11.49	91	10543	0.882	ug/l	96
83) tert-Butylbenzene	11.76	119	8628	0.804	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	10767	0.856	ug/l	100
85) sec-Butylbenzene	11.93	105	10983	0.769	ug/l	97
86) p-Isopropyltoluene	12.05	119	10586	0.797	ug/l	92
87) 1,3-Dichlorobenzene	12.01	146	6143	0.900	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	6641	0.958	ug/l	87
89) n-Butylbenzene	12.37	91	8429	0.701	ug/l	95
90) Hexachloroethane	12.58	117	1660	0.730	ug/l	76
91) 1,2-Dichlorobenzene	12.38	146	5801	0.883	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1039	0.857	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	3787	0.786	ug/l	96
94) Hexachlorobutadiene	13.76	225	1533	0.706	ug/l	95
95) Naphthalene	13.82	128	12563	0.802	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	3844	0.822	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

