

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012220\
 Data File : VX014680.D
 Acq On : 22 Jan 2020 10:18
 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
 1/24/2020 1:38:52 PM

Quant Time: Jan 22 11:58:32 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 11:47:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	432477	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	660362	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	584338	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	265410	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	3566	0.730 ug/l	95
3) Chloromethane	1.32	50	5541	0.993 ug/l	93
4) Vinyl Chloride	1.40	62	5210	0.841 ug/l #	88
6) Chloroethane	1.72	64	5200	1.410 ug/l	95
7) Trichlorofluoromethane	1.92	101	7768	1.106 ug/l	85
8) Diethyl Ether	2.18	74	3294	1.030 ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.38	101	4213	0.987 ug/l #	84
12) 1,1-Dichloroethene	2.37	96	4386	1.023 ug/l	88
14) Allyl chloride	2.72	41	6800	0.897 ug/l #	82
15) Acrylonitrile	3.13	53	11931	4.846 ug/l	94
16) Acetone	2.43	43	20204	7.604 ug/l	92
17) Carbon Disulfide	2.56	76	11557	0.964 ug/l	97
18) Methyl Acetate	2.76	43	7522	1.069 ug/l	95
19) Methyl tert-butyl Ether	3.19	73	13848	1.005 ug/l	99
20) Methylene Chloride	2.85	84	5831	1.191 ug/l	93
21) trans-1,2-Dichloroethene	3.15	96	5439	1.159 ug/l	83
22) Diisopropyl ether	3.84	45	14022	0.953 ug/l #	76
23) Vinyl Acetate	3.81	43	53192	4.699 ug/l	98
24) 1,1-Dichloroethane	3.69	63	7808	0.980 ug/l #	87
25) 2-Butanone	4.66	43	18958	5.190 ug/l	96
26) 2,2-Dichloropropane	4.57	77	6894	1.030 ug/l	87
27) cis-1,2-Dichloroethene	4.58	96	5654	1.078 ug/l	88
28) Bromochloromethane	5.00	49	4697	1.395 ug/l #	83
29) Tetrahydrofuran	5.12	42	10427	4.836 ug/l	94
30) Chloroform	5.20	83	8397	1.077 ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	7251	1.093 ug/l #	48
36) 1,1-Dichloropropene	5.79	75	5521	0.881 ug/l #	79
37) Ethyl Acetate	4.83	43	6147	0.903 ug/l #	84
38) Carbon Tetrachloride	5.77	117	5748	1.000 ug/l #	84
39) Methylcyclohexane	7.45	83	6782	0.865 ug/l #	84
40) Benzene	6.14	78	17758	0.953 ug/l #	89
41) Methacrylonitrile	5.03	41	5474	1.497 ug/l #	63
42) 1,2-Dichloroethane	6.19	62	6228	0.955 ug/l	98
43) Isopropyl Acetate	6.43	43	10840	0.985 ug/l #	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	5564	1.044	ug/l	86
45) 1,2-Dichloropropane	7.50	63	4463	0.939	ug/l	99
46) Dibromomethane	7.66	93	2831	0.856	ug/l #	80
47) Bromodichloromethane	7.89	83	5585	0.925	ug/l #	94
48) Methyl methacrylate	7.76	41	4150	0.785	ug/l	95
49) 1,4-Dioxane	7.75	88	2074	18.811	ug/l #	26
51) 4-Methyl-2-Pentanone	8.64	43	30909	4.595	ug/l	97
52) Toluene	8.78	92	10203	0.859	ug/l	91
53) t-1,3-Dichloropropene	9.03	75	5344	0.766	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	5692	0.754	ug/l #	90
55) 1,1,2-Trichloroethane	9.21	97	4326	0.904	ug/l	93
56) Ethyl methacrylate	9.17	69	5010	0.687	ug/l #	70
57) 1,3-Dichloropropane	9.37	76	7633	0.952	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	8988	3.616	ug/l	90
59) 2-Hexanone	9.49	43	22455	4.225	ug/l	93
60) Dibromochloromethane	9.57	129	4615	0.961	ug/l	93
61) 1,2-Dibromoethane	9.67	107	4609	0.911	ug/l	97
64) Tetrachloroethene	9.33	164	5799	0.984	ug/l	97
65) Chlorobenzene	10.14	112	12344	0.968	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	4597	1.011	ug/l #	64
67) Ethyl Benzene	10.24	91	19022	0.874	ug/l	100
68) m/p-Xylenes	10.35	106	13270	1.581	ug/l	99
69) o-Xylene	10.70	106	6679	0.835	ug/l	97
70) Styrene	10.71	104	9720	0.704	ug/l	93
71) Bromoform	10.85	173	3076	0.831	ug/l #	89
73) Isopropylbenzene	11.01	105	15811	0.842	ug/l	93
74) N-amyl acetate	10.89	43	5908	0.714	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	11.26	83	7451	1.229	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	6316m	1.107	ug/l	
77) Bromobenzene	11.25	156	4652	0.896	ug/l	93
78) n-propylbenzene	11.35	91	17837	0.828	ug/l	96
79) 2-Chlorotoluene	11.42	91	11699	0.911	ug/l	96
80) 1,3,5-Trimethylbenzene	11.50	105	12605	0.807	ug/l	92
82) 4-Chlorotoluene	11.51	91	12625	0.838	ug/l	98
83) tert-Butylbenzene	11.76	119	11837	0.806	ug/l	92
84) 1,2,4-Trimethylbenzene	11.80	105	12161	0.771	ug/l	94
85) sec-Butylbenzene	11.94	105	14381	0.785	ug/l	98
86) p-Isopropyltoluene	12.06	119	13185	0.777	ug/l	91
87) 1,3-Dichlorobenzene	12.02	146	9087	0.975	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	9011m	0.946	ug/l	
89) n-Butylbenzene	12.38	91	11973	0.775	ug/l	96
90) Hexachloroethane	12.59	117	2984	1.003	ug/l	89
91) 1,2-Dichlorobenzene	12.38	146	8814	0.964	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1398	1.037	ug/l	82
93) 1,2,4-Trichlorobenzene	13.64	180	4973	0.721	ug/l	94
94) Hexachlorobutadiene	13.77	225	2916	0.899	ug/l	89
95) Naphthalene	13.83	128	11607	0.591	ug/l #	93
96) 1,2,3-Trichlorobenzene	14.01	180	5015	0.741	ug/l	82

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

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