

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031919\
 Data File : VX008179.D
 Acq On : 19 Mar 2019 09:54
 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
 3/20/2019 10:26:36 AM

Quant Time: Mar 19 11:42:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 11:34:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	395899	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	649714	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	569668	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	251893	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	1.20	85	3362	0.649 ug/l	83
3) Chloromethane	1.33	50	5105	0.870 ug/l	92
4) Vinyl Chloride	1.41	62	4758	0.774 ug/l	94
5) Bromomethane	1.64	94	3884	0.735 ug/l	93
6) Chloroethane	1.73	64	3136	0.852 ug/l	90
7) Trichlorofluoromethane	1.93	101	6903	0.910 ug/l	96
8) Diethyl Ether	2.19	74	2840	0.659 ug/l	86
9) 1,1,2-Trichlorotrifluoroet	2.38	101	3872	0.713 ug/l	89
12) 1,1-Dichloroethene	2.37	96	3424	0.665 ug/l	89
14) Allyl chloride	2.73	41	7956	0.693 ug/l #	84
15) Acrylonitrile	3.14	53	11081	3.042 ug/l	97
16) Acetone	2.44	43	13918	3.917 ug/l	100
17) Carbon Disulfide	2.57	76	9530	0.593 ug/l	98
18) Methyl Acetate	2.78	43	5524	0.636 ug/l #	87
19) Methyl tert-butyl Ether	3.20	73	11822	0.626 ug/l	98
20) Methylene Chloride	2.86	84	4670	0.793 ug/l	88
21) trans-1,2-Dichloroethene	3.17	96	3937	0.721 ug/l	89
22) Diisopropyl ether	3.86	45	12877	0.572 ug/l	91
23) Vinyl Acetate	3.82	43	53381	2.687 ug/l #	93
24) 1,1-Dichloroethane	3.70	63	8005	0.706 ug/l	95
25) 2-Butanone	4.68	43	17588	3.224 ug/l	94
26) 2,2-Dichloropropane	4.59	77	5577	0.646 ug/l	91
27) cis-1,2-Dichloroethene	4.60	96	4494	0.717 ug/l	97
28) Bromochloromethane	5.01	49	4987	1.046 ug/l #	80
29) Tetrahydrofuran	5.13	42	10793	3.071 ug/l	96
30) Chloroform	5.21	83	7448	0.699 ug/l	95
31) Cyclohexane	5.57	56	5858	0.529 ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	6218	0.695 ug/l #	45
36) 1,1-Dichloropropene	5.80	75	4973	0.612 ug/l	94
37) Ethyl Acetate	4.83	43	5919	0.585 ug/l #	77
38) Carbon Tetrachloride	5.79	117	4507	0.607 ug/l	99
39) Methylcyclohexane	7.46	83	6912	0.688 ug/l	92
40) Benzene	6.13	78	16174	0.664 ug/l #	90
41) Methacrylonitrile	5.04	41	2840	0.501 ug/l #	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	6.20	62	6659	0.756	ug/l	86
43) Isopropyl Acetate	6.45	43	9822	0.606	ug/l	97
44) Trichloroethene	7.21	130	3919	0.676	ug/l	97
45) 1,2-Dichloropropane	7.51	63	4155	0.621	ug/l #	86
46) Dibromomethane	7.66	93	2757	0.682	ug/l #	81
47) Bromodichloromethane	7.89	83	5329	0.666	ug/l	98
48) Methyl methacrylate	7.77	41	4697	0.551	ug/l #	80
49) 1,4-Dioxane	7.74	88	2167	15.491	ug/l #	72
51) 4-Methyl-2-Pentanone	8.64	43	31028	3.003	ug/l	93
52) Toluene	8.78	92	9160	0.639	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	4958	0.537	ug/l	90
54) cis-1,3-Dichloropropene	8.43	75	5311	0.526	ug/l #	83
55) 1,1,2-Trichloroethane	9.21	97	3962	0.671	ug/l	95
56) Ethyl methacrylate	9.18	69	5321	0.538	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	6770	0.649	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	17996	3.910	ug/l	96
59) 2-Hexanone	9.49	43	22191	2.817	ug/l	94
60) Dibromochloromethane	9.58	129	3207	0.548	ug/l	100
61) 1,2-Dibromoethane	9.67	107	4051	0.660	ug/l	97
64) Tetrachloroethene	9.34	164	3890	0.710	ug/l	93
65) Chlorobenzene	10.13	112	10482	0.697	ug/l	92
66) 1,1,1,2-Tetrachloroethane	10.22	131	3229	0.599	ug/l #	64
67) Ethyl Benzene	10.25	91	16921	0.618	ug/l	97
68) m/p-Xylenes	10.36	106	11585	1.154	ug/l	91
69) o-Xylene	10.69	106	5959	0.609	ug/l	96
70) Styrene	10.71	104	9154	0.572	ug/l	93
71) Bromoform	10.85	173	2366	0.563	ug/l #	99
73) Isopropylbenzene	11.02	105	14687	0.593	ug/l	96
74) N-amyl acetate	10.90	43	6927	0.526	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	6339	0.745	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	5158m	0.690	ug/l	
77) Bromobenzene	11.26	156	3700	0.637	ug/l	74
78) n-propylbenzene	11.36	91	16031	0.546	ug/l	100
79) 2-Chlorotoluene	11.42	91	11254	0.660	ug/l	93
80) 1,3,5-Trimethylbenzene	11.51	105	11552	0.560	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	1441	0.508	ug/l #	75
82) 4-Chlorotoluene	11.51	91	11632	0.583	ug/l	99
83) tert-Butylbenzene	11.77	119	11392	0.588	ug/l	89
84) 1,2,4-Trimethylbenzene	11.80	105	11137	0.531	ug/l	98
85) sec-Butylbenzene	11.94	105	13865	0.566	ug/l	97
86) p-Isopropyltoluene	12.06	119	11384	0.536	ug/l #	86
87) 1,3-Dichlorobenzene	12.02	146	6813	0.656	ug/l	93
88) 1,4-Dichlorobenzene	12.10	146	7923m	0.762	ug/l	
89) n-Butylbenzene	12.38	91	11282	0.559	ug/l	95
90) Hexachloroethane	12.59	117	2189	0.600	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	7321	0.707	ug/l	94
92) 1,2-Dibromo-3-Chloropropan	12.99	75	1494	0.774	ug/l	56
93) 1,2,4-Trichlorobenzene	13.65	180	4159	0.597	ug/l	91
94) Hexachlorobutadiene	13.78	225	2236	0.658	ug/l	90
95) Naphthalene	13.83	128	11296	0.492	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	4385	0.636	ug/l	94

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

