

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008346.D
 Acq On : 23 Mar 2019 13:07
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:16:33 AM

Quant Time: Mar 25 02:24:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 14:52:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	208095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	364846	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	316663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	135905	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	2421	0.960	ug/l	94
3) Chloromethane	1.32	50	3910	1.235	ug/l	96
4) Vinyl Chloride	1.40	62	3708	1.175	ug/l	97
5) Bromomethane	1.65	94	2209	0.822	ug/l	97
6) Chloroethane	1.73	64	2329	1.177	ug/l #	86
7) Trichlorofluoromethane	1.93	101	4245	1.054	ug/l	97
8) Diethyl Ether	2.18	74	2075	1.001	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2475	0.925	ug/l	89
12) 1,1-Dichloroethene	2.37	96	2544	1.008	ug/l #	85
14) Allyl chloride	2.73	41	5468	0.995	ug/l	94
15) Acrylonitrile	3.14	53	9403	5.299	ug/l	93
16) Acetone	2.44	43	8770	4.934	ug/l	93
17) Carbon Disulfide	2.57	76	9567	1.175	ug/l #	90
18) Methyl Acetate	2.77	43	4363	1.060	ug/l	96
19) Methyl tert-butyl Ether	3.19	73	8669	0.950	ug/l	92
20) Methylene Chloride	2.86	84	3340	1.127	ug/l	94
21) trans-1,2-Dichloroethene	3.16	96	2933	1.075	ug/l	97
22) Diisopropyl ether	3.85	45	10094	0.938	ug/l #	75
23) Vinyl Acetate	3.81	43	42186	4.571	ug/l	97
24) 1,1-Dichloroethane	3.70	63	5410	0.977	ug/l #	96
25) 2-Butanone	4.68	43	13368	5.095	ug/l	94
26) 2,2-Dichloropropane	4.58	77	3135	0.752	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	3206	1.031	ug/l	87
28) Bromochloromethane	5.02	49	3122	1.256	ug/l #	66
29) Tetrahydrofuran	5.14	42	8947	5.455	ug/l	99
30) Chloroform	5.21	83	4883	0.943	ug/l	93
31) Cyclohexane	5.57	56	5243	1.008	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	3690	0.857	ug/l #	40
36) 1,1-Dichloropropene	5.79	75	3741	0.881	ug/l #	93
37) Ethyl Acetate	4.84	43	4912	0.978	ug/l	97
38) Carbon Tetrachloride	5.79	117	3362	0.888	ug/l	92
39) Methylcyclohexane	7.46	83	4568	0.894	ug/l	95
40) Benzene	6.14	78	11758	0.935	ug/l	98
41) Methacrylonitrile	5.04	41	2420	0.859	ug/l #	75

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

42) 1,2-Dichloroethane	6.19	62	4513	0.980	ug/l	99
43) Isopropyl Acetate	6.45	43	7113	0.884	ug/l #	94
44) Trichloroethene	7.21	130	2940	0.956	ug/l	96
45) 1,2-Dichloropropane	7.51	63	3128	0.889	ug/l #	85
46) Dibromomethane	7.66	93	2152	1.010	ug/l #	78
47) Bromodichloromethane	7.90	83	3560	0.877	ug/l	97
48) Methyl methacrylate	7.77	41	3808	0.890	ug/l	94
49) 1,4-Dioxane	7.74	88	1779	23.557	ug/l #	71
51) 4-Methyl-2-Pentanone	8.64	43	24250	4.660	ug/l	94
52) Toluene	8.79	92	6625	0.888	ug/l	95
53) t-1,3-Dichloropropene	9.04	75	3372	0.742	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	3911	0.776	ug/l #	89
55) 1,1,2-Trichloroethane	9.21	97	2816	0.934	ug/l	98
56) Ethyl methacrylate	9.18	69	4308	0.894	ug/l #	89
57) 1,3-Dichloropropane	9.37	76	5057	0.949	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	11886	4.814	ug/l	93
59) 2-Hexanone	9.49	43	18550	4.631	ug/l	92
60) Dibromochloromethane	9.58	129	2256	0.779	ug/l	100
61) 1,2-Dibromoethane	9.67	107	2634	0.837	ug/l	95
64) Tetrachloroethene	9.34	164	2266	0.793	ug/l	98
65) Chlorobenzene	10.13	112	6728	0.863	ug/l	93
66) 1,1,1,2-Tetrachloroethane	10.22	131	2183	0.804	ug/l #	65
67) Ethyl Benzene	10.25	91	12308	0.896	ug/l	99
68) m/p-Xylenes	10.36	106	8469	1.679	ug/l	90
69) o-Xylene	10.69	106	4209	0.859	ug/l	93
70) Styrene	10.71	104	6961	0.874	ug/l	91
71) Bromoform	10.85	173	1493	0.722	ug/l #	96
73) Isopropylbenzene	11.02	105	11122	0.918	ug/l	97
74) N-amyl acetate	10.90	43	5598	0.882	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	11.27	83	4770	1.098	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	4082m	1.068	ug/l	
77) Bromobenzene	11.26	156	2642	0.902	ug/l	76
78) n-propylbenzene	11.36	91	12340	0.877	ug/l	93
79) 2-Chlorotoluene	11.42	91	8428	0.998	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	9087	0.908	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	1019	0.763	ug/l #	48
82) 4-Chlorotoluene	11.51	91	9136	0.930	ug/l	95
83) tert-Butylbenzene	11.77	119	8413	0.880	ug/l	90
84) 1,2,4-Trimethylbenzene	11.80	105	8864	0.874	ug/l	97
85) sec-Butylbenzene	11.94	105	10427	0.881	ug/l	97
86) p-Isopropyltoluene	12.06	119	8458	0.826	ug/l #	89
87) 1,3-Dichlorobenzene	12.02	146	4846	0.926	ug/l	92
88) 1,4-Dichlorobenzene	12.10	146	5178m	0.956	ug/l	
89) n-Butylbenzene	12.38	91	7999	0.832	ug/l	93
90) Hexachloroethane	12.60	117	1412	0.809	ug/l	72
91) 1,2-Dichlorobenzene	12.39	146	4971	0.942	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	874	0.906	ug/l	75
93) 1,2,4-Trichlorobenzene	13.65	180	3341	0.961	ug/l	97
94) Hexachlorobutadiene	13.78	225	1501	0.885	ug/l	95
95) Naphthalene	13.83	128	11820	1.077	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	3389	0.991	ug/l	94

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

