

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008416.D
 Acq On : 25 Mar 2019 16:26
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:46:51 AM

Quant Time: Mar 26 04:28:59 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:13:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	190034	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	327948	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	285389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	125493	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	2848	1.331 ug/l	95
3) Chloromethane	1.32	50	4457	1.412 ug/l	90
4) Vinyl Chloride	1.41	62	3773	1.219 ug/l	89
5) Bromomethane	1.64	94	3006	1.584 ug/l	97
6) Chloroethane	1.72	64	1942m	1.058 ug/l	
7) Trichlorofluoromethane	1.93	101	4273	1.217 ug/l	97
8) Diethyl Ether	2.19	74	2013	1.195 ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	2582	1.238 ug/l	97
12) 1,1-Dichloroethene	2.37	96	2681	1.241 ug/l	92
14) Allyl chloride	2.73	41	5796	1.217 ug/l	99
15) Acrylonitrile	3.14	53	9885	6.021 ug/l	98
16) Acetone	2.44	43	8651	5.976 ug/l	93
17) Carbon Disulfide	2.57	76	11615	1.686 ug/l	99
18) Methyl Acetate	2.78	43	4481	1.245 ug/l	94
19) Methyl tert-butyl Ether	3.19	73	8804	1.133 ug/l	100
20) Methylene Chloride	2.85	84	3585	1.375 ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	3280	1.407 ug/l #	83
22) Diisopropyl ether	3.85	45	10846	1.167 ug/l #	86
23) Vinyl Acetate	3.82	43	43724	5.336 ug/l	97
24) 1,1-Dichloroethane	3.70	63	5632	1.190 ug/l	95
25) 2-Butanone	4.68	43	13440	5.666 ug/l	99
26) 2,2-Dichloropropane	4.57	77	3360	1.095 ug/l	87
27) cis-1,2-Dichloroethene	4.60	96	3206	1.200 ug/l	89
28) Bromochloromethane	5.01	49	2915	1.252 ug/l #	95
29) Tetrahydrofuran	5.13	42	9475	6.045 ug/l	100
30) Chloroform	5.20	83	5031	1.178 ug/l	98
31) Cyclohexane	5.57	56	5457	1.205 ug/l #	87
32) 1,1,1-Trichloroethane	5.50	97	3819	1.128 ug/l #	47
36) 1,1-Dichloropropene	5.79	75	4429	1.324 ug/l	93
37) Ethyl Acetate	4.84	43	4834	1.072 ug/l #	88
38) Carbon Tetrachloride	5.78	117	3135	1.090 ug/l #	80
39) Methylcyclohexane	7.46	83	4656	1.134 ug/l	92
40) Benzene	6.14	78	11765	1.153 ug/l	92
41) Methacrylonitrile	5.05	41	2668	1.083 ug/l #	83

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

42) 1,2-Dichloroethane	6.20	62	4650	1.256	ug/l	100
43) Isopropyl Acetate	6.45	43	7791	1.107	ug/l	97
44) Trichloroethene	7.21	130	3055	1.288	ug/l	85
45) 1,2-Dichloropropane	7.51	63	3389	1.173	ug/l	99
46) Dibromomethane	7.66	93	2096	1.225	ug/l	93
47) Bromodichloromethane	7.90	83	3419	1.046	ug/l	96
48) Methyl methacrylate	7.77	41	3573	1.002	ug/l	91
49) 1,4-Dioxane	7.74	88	1626	22.595	ug/l #	76
51) 4-Methyl-2-Pentanone	8.64	43	23809	5.133	ug/l	98
52) Toluene	8.78	92	7051	1.176	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	3365	0.956	ug/l	90
54) cis-1,3-Dichloropropene	8.44	75	4202	1.056	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	2750	1.104	ug/l	96
56) Ethyl methacrylate	9.18	69	4426	1.002	ug/l	88
57) 1,3-Dichloropropane	9.37	76	5130	1.158	ug/l	96
58) 2-Chloroethyl Vinyl ether	8.31	63	11156	4.729	ug/l	97
59) 2-Hexanone	9.49	43	17967	5.020	ug/l	99
60) Dibromochloromethane	9.58	129	2348	1.015	ug/l	100
61) 1,2-Dibromoethane	9.67	107	2727	1.080	ug/l	93
64) Tetrachloroethene	9.34	164	2335	1.250	ug/l #	84
65) Chlorobenzene	10.13	112	7033	1.172	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.22	131	2139	1.027	ug/l #	58
67) Ethyl Benzene	10.25	91	13060	1.160	ug/l	100
68) m/p-Xylenes	10.36	106	9426	2.330	ug/l	98
69) o-Xylene	10.70	106	4401	1.112	ug/l	99
70) Styrene	10.71	104	7383	1.076	ug/l	99
71) Bromoform	10.86	173	1572	0.974	ug/l #	97
73) Isopropylbenzene	11.02	105	11434	1.154	ug/l	97
74) N-amyl acetate	10.90	43	5859	1.010	ug/l #	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	4619	1.173	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	4210m	1.281	ug/l	
77) Bromobenzene	11.26	156	2996	1.274	ug/l	98
78) n-propylbenzene	11.36	91	13125	1.131	ug/l	100
79) 2-Chlorotoluene	11.42	91	8522	1.202	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	9343	1.108	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	1053	0.916	ug/l #	70
82) 4-Chlorotoluene	11.51	91	9667	1.186	ug/l	98
83) tert-Butylbenzene	11.77	119	8851	1.105	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	9674	1.149	ug/l	100
85) sec-Butylbenzene	11.94	105	10796	1.121	ug/l	100
86) p-Isopropyltoluene	12.06	119	9081	1.070	ug/l	93
87) 1,3-Dichlorobenzene	12.02	146	5323	1.261	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	5533m	1.287	ug/l	
89) n-Butylbenzene	12.38	91	8549	1.056	ug/l	97
90) Hexachloroethane	12.59	117	1447	1.030	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	5229	1.220	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	1018	1.216	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	3483	1.203	ug/l	99
94) Hexachlorobutadiene	13.78	225	1559	1.140	ug/l	97
95) Naphthalene	13.83	128	11697	1.159	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	14.02	180	3464	1.191	ug/l	96

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

