

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032319\
 Data File : VX008352.D
 Acq On : 23 Mar 2019 15:31
 Operator : JC/SP
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX032319

Manual Integrations
 APPROVED

MMDadoda
 3/25/2019 11:16:59 AM

Quant Time: Mar 25 08:20:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032319W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 23 15:27:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	217404	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	367655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	326493	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	159028	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	154543	46.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.22%	
35) Dibromofluoromethane	5.50	113	114191	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.71	98	462541	49.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.18%	
62) 4-Bromofluorobenzene	11.13	95	170378	49.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	114318	46.450	ug/l	98
3) Chloromethane	1.32	50	164665	45.134	ug/l	98
4) Vinyl Chloride	1.40	62	162566	45.653	ug/l	99
5) Bromomethane	1.64	94	104336	46.530	ug/l	99
6) Chloroethane	1.71	64	92264	44.241	ug/l	98
7) Trichlorofluoromethane	1.92	101	184120	45.468	ug/l	99
8) Diethyl Ether	2.18	74	85997	44.353	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.38	101	112645	46.958	ug/l	89
10) Methyl Iodide	2.51	142	147323	48.408	ug/l	98
11) Tert butyl alcohol	3.05	59	169297	229.222	ug/l	99
12) 1,1-Dichloroethene	2.37	96	114763	46.347	ug/l	91
13) Acrolein	2.29	56	139590	221.176	ug/l	99
14) Allyl chloride	2.73	41	252672	46.126	ug/l	95
15) Acrylonitrile	3.14	53	428056	226.322	ug/l	99
16) Acetone	2.45	43	365590	220.581	ug/l	98
17) Carbon Disulfide	2.57	76	358648	45.296	ug/l	100
18) Methyl Acetate	2.77	43	183449	44.220	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	414472	46.474	ug/l	99
20) Methylene Chloride	2.85	84	133016	44.581	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	122337	45.627	ug/l	90
22) Diisopropyl ether	3.85	45	495943	46.499	ug/l #	87
23) Vinyl Acetate	3.81	43	2230962	236.909	ug/l	97
24) 1,1-Dichloroethane	3.70	63	251237	46.201	ug/l	99
25) 2-Butanone	4.67	43	617146	226.137	ug/l	97
26) 2,2-Dichloropropane	4.58	77	165491	47.236	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	140469	45.741	ug/l	90
28) Bromochloromethane	5.01	49	128892	47.480	ug/l #	79
29) Tetrahydrofuran	5.13	42	409130	225.779	ug/l	95
30) Chloroform	5.21	83	225732	46.041	ug/l	100
31) Cyclohexane	5.58	56	244409	46.871	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	182761	47.117	ug/l	96
36) 1,1-Dichloropropene	5.80	75	183370	48.809	ug/l	96
37) Ethyl Acetate	4.83	43	236321	46.478	ug/l	98
38) Carbon Tetrachloride	5.78	117	153136	47.551	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	227125	49.322	ug/l	92
40) Benzene	6.14	78	537418	46.972	ug/l	99
41) Methacrylonitrile	5.04	41	134771	48.629	ug/l	96
42) 1,2-Dichloroethane	6.19	62	190729	45.936	ug/l	96
43) Isopropyl Acetate	6.45	43	379959	47.990	ug/l	97
44) Trichloroethene	7.21	130	124072	46.697	ug/l	88
45) 1,2-Dichloropropane	7.51	63	153278	47.322	ug/l	100
46) Dibromomethane	7.66	93	88154	45.861	ug/l #	85
47) Bromodichloromethane	7.90	83	175091	47.755	ug/l	99
48) Methyl methacrylate	7.77	41	191520	47.938	ug/l	94
49) 1,4-Dioxane	7.74	88	73579	912.817	ug/l	92
51) 4-Methyl-2-Pentanone	8.64	43	1224262	235.670	ug/l	97
52) Toluene	8.78	92	323399	48.205	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	200298	50.811	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	222820	49.855	ug/l	92
55) 1,1,2-Trichloroethane	9.21	97	130161	46.708	ug/l	96
56) Ethyl methacrylate	9.18	69	242513	49.157	ug/l	91
57) 1,3-Dichloropropane	9.37	76	232439	46.821	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	659676	247.999	ug/l	92
59) 2-Hexanone	9.49	43	954286	239.299	ug/l	96
60) Dibromochloromethane	9.58	129	128695	49.754	ug/l	99
61) 1,2-Dibromoethane	9.67	107	135641	47.960	ug/l	99
64) Tetrachloroethene	9.34	164	103389	48.424	ug/l	96
65) Chlorobenzene	10.13	112	327997	47.902	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	116525	49.072	ug/l	97
67) Ethyl Benzene	10.25	91	628070	48.986	ug/l	97
68) m/p-Xylenes	10.36	106	455137	98.799	ug/l	93
69) o-Xylene	10.69	106	219368	48.699	ug/l	94
70) Styrene	10.71	104	388422	49.721	ug/l	97
71) Bromoform	10.85	173	91912	50.247	ug/l #	100
73) Isopropylbenzene	11.02	105	584575	46.579	ug/l	98
74) N-amyl acetate	10.90	43	352957	48.035	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.27	83	222698	44.548	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	187142m	44.959	ug/l	
77) Bromobenzene	11.26	156	136801	46.068	ug/l	80
78) n-propylbenzene	11.36	91	706596	48.037	ug/l	95
79) 2-Chlorotoluene	11.42	91	413094	46.104	ug/l	94
80) 1,3,5-Trimethylbenzene	11.51	105	506881	47.478	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	72860	49.881	ug/l	95
82) 4-Chlorotoluene	11.51	91	486620	47.133	ug/l	94
83) tert-Butylbenzene	11.77	119	479933	47.207	ug/l	94
84) 1,2,4-Trimethylbenzene	11.80	105	510734	47.937	ug/l	97
85) sec-Butylbenzene	11.94	105	587931	48.252	ug/l	96
86) p-Isopropyltoluene	12.06	119	525314	48.913	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	252461	47.336	ug/l	97
88) 1,4-Dichlorobenzene	12.10	146	253063	46.633	ug/l	97
89) n-Butylbenzene	12.38	91	512761	50.011	ug/l	97
90) Hexachloroethane	12.60	117	85681	48.297	ug/l	80
91) 1,2-Dichlorobenzene	12.39	146	253788	46.984	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	50452	47.353	ug/l	78

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	180356	49.514	ug/l	98
94) Hexachlorobutadiene	13.78	225	86748	50.394	ug/l	100
95) Naphthalene	13.83	128	619281	48.414	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	181274	49.319	ug/l	99

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

