

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007707.D
 Acq On : 26 Feb 2019 10:27
 Operator : JC/SP
 Sample : VX0225WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 3:05:17 PM

Quant Time: Feb 26 12:05:02 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	328369	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	509676	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	461753	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	222563	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	193291	47.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.04%	
35) Dibromofluoromethane	5.50	113	172650	50.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.34%	
50) Toluene-d8	8.71	98	634491	48.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.28%	
62) 4-Bromofluorobenzene	11.13	95	222259	46.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.86%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61667	20.386	ug/l	98
3) Chloromethane	1.33	50	65143	19.434	ug/l	99
4) Vinyl Chloride	1.41	62	66074	19.213	ug/l	91
5) Bromomethane	1.64	94	44678	19.682	ug/l	95
6) Chloroethane	1.73	64	44026	20.038	ug/l	99
7) Trichlorofluoromethane	1.93	101	105650	20.040	ug/l	99
8) Diethyl Ether	2.19	74	40571	18.751	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	62278	19.544	ug/l	93
10) Methyl Iodide	2.51	142	80505	20.290	ug/l	96
11) Tert butyl alcohol	3.07	59	75920	98.375	ug/l	95
12) 1,1-Dichloroethene	2.38	96	57250	19.932	ug/l	98
13) Acrolein	2.30	56	32470	47.348	ug/l	96
14) Allyl chloride	2.73	41	101308	19.075	ug/l	96
15) Acrylonitrile	3.15	53	181634	100.011	ug/l	99
16) Acetone	2.45	43	212860	117.680	ug/l	100
17) Carbon Disulfide	2.57	76	153704	19.235	ug/l	98
18) Methyl Acetate	2.78	43	85386	21.633	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	199191	19.914	ug/l	94
20) Methylene Chloride	2.86	84	63998	19.161	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	60721	19.446	ug/l	94
22) Diisopropyl ether	3.87	45	209608	18.959	ug/l	97
23) Vinyl Acetate	3.82	43	923746	95.232	ug/l	99
24) 1,1-Dichloroethane	3.70	63	118624	19.742	ug/l	98
25) 2-Butanone	4.70	43	287756	104.438	ug/l	99
26) 2,2-Dichloropropane	4.59	77	88049	18.358	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	77739	19.566	ug/l	98
28) Bromochloromethane	5.02	49	55894	19.108	ug/l	97
29) Tetrahydrofuran	5.15	42	171587	94.476	ug/l	99
30) Chloroform	5.21	83	124719	19.377	ug/l	99
31) Cyclohexane	5.57	56	104388	18.469	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	104531	19.638	ug/l	99
36) 1,1-Dichloropropene	5.80	75	88591	19.334	ug/l	99
37) Ethyl Acetate	4.85	43	97760	19.206	ug/l	99
38) Carbon Tetrachloride	5.79	117	90409	19.642	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	110152	19.021	ug/l	99
40) Benzene	6.15	78	282855	19.997	ug/l	99
41) Methacrylonitrile	5.06	41	52937	19.476	ug/l	98
42) 1,2-Dichloroethane	6.20	62	96367	20.270	ug/l	99
43) Isopropyl Acetate	6.46	43	150626	19.228	ug/l	99
44) Trichloroethene	7.21	130	77264	19.857	ug/l	100
45) 1,2-Dichloropropane	7.51	63	73022	19.929	ug/l	99
46) Dibromomethane	7.66	93	50309	19.681	ug/l	93
47) Bromodichloromethane	7.90	83	89631	20.234	ug/l	98
48) Methyl methacrylate	7.77	41	76592	18.652	ug/l	99
49) 1,4-Dioxane	7.75	88	35715	402.691	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	517787	98.743	ug/l	100
52) Toluene	8.78	92	176786	19.820	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	93743	18.870	ug/l	98
54) cis-1,3-Dichloropropene	8.44	75	105490	19.623	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	72513	19.495	ug/l	98
56) Ethyl methacrylate	9.18	69	101171	19.127	ug/l	99
57) 1,3-Dichloropropane	9.37	76	118308	19.870	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	283268	97.115	ug/l	100
59) 2-Hexanone	9.49	43	411535	99.963	ug/l	99
60) Dibromochloromethane	9.58	129	71631	20.014	ug/l	97
61) 1,2-Dibromoethane	9.67	107	79296	20.534	ug/l	100
64) Tetrachloroethene	9.33	164	72442	19.325	ug/l	98
65) Chlorobenzene	10.14	112	197850	19.811	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	68486	19.659	ug/l	99
67) Ethyl Benzene	10.25	91	321150	19.412	ug/l	98
68) m/p-Xylenes	10.36	106	252198	39.186	ug/l	99
69) o-Xylene	10.70	106	119416	19.290	ug/l	97
70) Styrene	10.71	104	197912	19.450	ug/l	99
71) Bromoform	10.86	173	49371	18.900	ug/l #	100
73) Isopropylbenzene	11.02	105	320984	20.179	ug/l	99
74) N-amyl acetate	10.90	43	134719	19.503	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	109934	19.982	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	91158m	19.215	ug/l	
77) Bromobenzene	11.26	156	84939	21.289	ug/l	95
78) n-propylbenzene	11.36	91	371597	20.673	ug/l	97
79) 2-Chlorotoluene	11.42	91	216794	20.031	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	263244	20.119	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27967	17.856	ug/l	95
82) 4-Chlorotoluene	11.51	91	246797	19.492	ug/l	99
83) tert-Butylbenzene	11.77	119	255783	20.360	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	271616	20.294	ug/l	100
85) sec-Butylbenzene	11.94	105	318925	20.259	ug/l	98
86) p-Isopropyltoluene	12.06	119	279520	20.275	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	148460	20.060	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	149793	19.763	ug/l	97
89) n-Butylbenzene	12.39	91	237483	19.315	ug/l	98
90) Hexachloroethane	12.60	117	44026	18.953	ug/l	88
91) 1,2-Dichlorobenzene	12.39	146	150001	20.257	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22526	18.791	ug/l	88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90163	19.948	ug/l	99
94) Hexachlorobutadiene	13.78	225	40859	19.760	ug/l	100
95) Naphthalene	13.83	128	303765	20.743	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	91714	20.208	ug/l	98

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

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