

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007671.D
 Acq On : 25 Feb 2019 14:07
 Operator : JC/SP
 Sample : VX0225WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0225WBS01

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 2:57:55 PM

Quant Time: Feb 26 02:45:38 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	361806	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	573959	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	515804	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	245344	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	209872	46.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.66%	
35) Dibromofluoromethane	5.51	113	184789	48.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.32%	
50) Toluene-d8	8.71	98	694050	47.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.50%	
62) 4-Bromofluorobenzene	11.13	95	241878	44.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	70579	21.176	ug/l	96
3) Chloromethane	1.33	50	73389	19.870	ug/l	98
4) Vinyl Chloride	1.41	62	76041	20.068	ug/l	99
5) Bromomethane	1.64	94	51992	20.877	ug/l	99
6) Chloroethane	1.73	64	47040	19.431	ug/l	97
7) Trichlorofluoromethane	1.93	101	114102	19.643	ug/l	98
8) Diethyl Ether	2.19	74	46446	19.482	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	68205	19.426	ug/l	93
10) Methyl Iodide	2.51	142	83790	19.166	ug/l	97
11) Tert butyl alcohol	3.07	59	87404	102.789	ug/l	99
12) 1,1-Dichloroethene	2.38	96	65618	20.734	ug/l	98
13) Acrolein	2.29	56	72612	96.098	ug/l	97
14) Allyl chloride	2.73	41	115109	19.671	ug/l	96
15) Acrylonitrile	3.15	53	206420	103.155	ug/l	99
16) Acetone	2.45	43	193952	97.317	ug/l	98
17) Carbon Disulfide	2.57	76	170996	19.421	ug/l	100
18) Methyl Acetate	2.78	43	86020	19.780	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	221802	20.126	ug/l	100
20) Methylene Chloride	2.86	84	72270	19.638	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	69071	20.076	ug/l	96
22) Diisopropyl ether	3.87	45	240394	19.734	ug/l	96
23) Vinyl Acetate	3.82	43	1053409	98.563	ug/l	100
24) 1,1-Dichloroethane	3.70	63	130953	19.780	ug/l	99
25) 2-Butanone	4.70	43	305302	100.566	ug/l	100
26) 2,2-Dichloropropane	4.59	77	98402	18.620	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	87045	19.883	ug/l	98
28) Bromochloromethane	5.02	49	57234	17.758	ug/l	94
29) Tetrahydrofuran	5.15	42	198770	99.328	ug/l	99
30) Chloroform	5.21	83	137744	19.423	ug/l	98
31) Cyclohexane	5.57	56	119165	19.135	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	113621	19.373	ug/l	98
36) 1,1-Dichloropropene	5.80	75	98705	19.129	ug/l	98
37) Ethyl Acetate	4.85	43	111729	19.492	ug/l	98
38) Carbon Tetrachloride	5.78	117	99097	19.118	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	124118	19.032	ug/l	100
40) Benzene	6.14	78	323082	20.283	ug/l	97
41) Methacrylonitrile	5.06	41	61372	20.051	ug/l	99
42) 1,2-Dichloroethane	6.20	62	103337	19.301	ug/l	98
43) Isopropyl Acetate	6.46	43	174432	19.773	ug/l	99
44) Trichloroethene	7.21	130	86769	19.802	ug/l	98
45) 1,2-Dichloropropane	7.52	63	81950	19.861	ug/l	99
46) Dibromomethane	7.66	93	55364	19.233	ug/l	92
47) Bromodichloromethane	7.90	83	94724	18.988	ug/l	99
48) Methyl methacrylate	7.77	41	89864	19.433	ug/l	98
49) 1,4-Dioxane	7.75	88	40965	410.155	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	595787	100.892	ug/l	100
52) Toluene	8.78	92	197571	19.669	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	104314	18.680	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	117977	19.488	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	82780	19.763	ug/l	99
56) Ethyl methacrylate	9.18	69	117530	19.731	ug/l	99
57) 1,3-Dichloropropane	9.37	76	134927	20.123	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	313860	95.551	ug/l	99
59) 2-Hexanone	9.49	43	462690	99.801	ug/l	100
60) Dibromochloromethane	9.58	129	76122	18.887	ug/l	98
61) 1,2-Dibromoethane	9.67	107	87230	20.058	ug/l	99
64) Tetrachloroethene	9.34	164	83715	19.992	ug/l	92
65) Chlorobenzene	10.14	112	218087	19.549	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	75818	19.483	ug/l	98
67) Ethyl Benzene	10.25	91	362704	19.627	ug/l	100
68) m/p-Xylenes	10.36	106	281506	39.156	ug/l	99
69) o-Xylene	10.69	106	137689	19.911	ug/l	98
70) Styrene	10.71	104	220267	19.378	ug/l	99
71) Bromoform	10.85	173	52038	17.833	ug/l	99
73) Isopropylbenzene	11.02	105	364429	20.783	ug/l	100
74) N-amyl acetate	10.90	43	155306	20.395	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	123360	20.340	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	104585m	19.999	ug/l	
77) Bromobenzene	11.26	156	93413	21.239	ug/l	93
78) n-propylbenzene	11.36	91	405565	20.468	ug/l	98
79) 2-Chlorotoluene	11.42	91	244573	20.499	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	292130	20.254	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	33540	19.161	ug/l	94
82) 4-Chlorotoluene	11.51	91	280578	20.103	ug/l	99
83) tert-Butylbenzene	11.77	119	284416	20.537	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	306881	20.800	ug/l	98
85) sec-Butylbenzene	11.94	105	355095	20.462	ug/l	98
86) p-Isopropyltoluene	12.06	119	310316	20.418	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	164364	20.147	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	165138	19.765	ug/l	98
89) n-Butylbenzene	12.39	91	267436	19.731	ug/l	99
90) Hexachloroethane	12.60	117	49100	19.174	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	163666	20.050	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	25792	19.518	ug/l	82

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	100375	20.145	ug/l	98
94) Hexachlorobutadiene	13.78	225	46664	20.472	ug/l	98
95) Naphthalene	13.83	128	339937	21.058	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	102406	20.469	ug/l	99

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

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