

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032519\
 Data File : VX008428.D
 Acq On : 25 Mar 2019 22:32
 Operator : JC/SP
 Sample : VX0325WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0325WBSD01

Manual Integrations
 APPROVED

MMDadoda
 3/26/2019 9:47:11 AM

Quant Time: Mar 26 06:58:16 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 26 04:58:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	190095	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	326910	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	291313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	133423	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	148677	51.59	ug/l	0.00
Spiked Amount			Recovery	=	103.18%	
35) Dibromofluoromethane	5.50	113	109670	51.45	ug/l	0.00
Spiked Amount			Recovery	=	102.90%	
50) Toluene-d8	8.71	98	434953	51.03	ug/l	0.00
Spiked Amount			Recovery	=	102.06%	
62) 4-Bromofluorobenzene	11.13	95	156648	49.60	ug/l	0.00
Spiked Amount			Recovery	=	99.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	40142	17.915	ug/l	99
3) Chloromethane	1.32	50	57260	19.861	ug/l	100
4) Vinyl Chloride	1.40	62	59312	18.958	ug/l	96
5) Bromomethane	1.64	94	31734	20.435	ug/l	99
6) Chloroethane	1.72	64	58721	31.683	ug/l	91
7) Trichlorofluoromethane	1.93	101	67782	19.129	ug/l	99
8) Diethyl Ether	2.18	74	32483	19.371	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40002	18.680	ug/l	100
10) Methyl Iodide	2.51	142	42529	22.855	ug/l	99
11) Tert butyl alcohol	3.04	59	64720	101.362	ug/l	99
12) 1,1-Dichloroethene	2.37	96	41870	18.932	ug/l	94
13) Acrolein	2.29	56	19072	41.132	ug/l	98
14) Allyl chloride	2.73	41	90473	18.569	ug/l	99
15) Acrylonitrile	3.14	53	159966	95.544	ug/l	99
16) Acetone	2.44	43	140643	93.374	ug/l	98
17) Carbon Disulfide	2.57	76	124003	16.903	ug/l	100
18) Methyl Acetate	2.77	43	70829	19.579	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	155258	19.482	ug/l	99
20) Methylene Chloride	2.85	84	50482	20.154	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	44121	19.858	ug/l	98
22) Diisopropyl ether	3.85	45	184869	19.270	ug/l	100
23) Vinyl Acetate	3.81	43	828224	98.952	ug/l	100
24) 1,1-Dichloroethane	3.70	63	93007	19.203	ug/l	99
25) 2-Butanone	4.67	43	235543	97.543	ug/l	99
26) 2,2-Dichloropropane	4.59	77	55490	17.225	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	51574	19.071	ug/l	98
28) Bromochloromethane	5.02	49	49860	20.837	ug/l	100
29) Tetrahydrofuran	5.13	42	154109	96.832	ug/l	98
30) Chloroform	5.21	83	84961	19.437	ug/l	98
31) Cyclohexane	5.57	56	86386	18.701	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	67284	19.258	ug/l	99
36) 1,1-Dichloropropene	5.80	75	64214	18.423	ug/l	99
37) Ethyl Acetate	4.83	43	89598	19.842	ug/l	99
38) Carbon Tetrachloride	5.79	117	55695	19.147	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	77029	18.492	ug/l	98
40) Benzene	6.14	78	200285	19.194	ug/l	98
41) Methacrylonitrile	5.04	41	50282	19.815	ug/l	99
42) 1,2-Dichloroethane	6.19	62	71888	18.816	ug/l	99
43) Isopropyl Acetate	6.45	43	137953	19.100	ug/l	99
44) Trichloroethene	7.21	130	44379	18.113	ug/l	97
45) 1,2-Dichloropropane	7.51	63	56624	19.091	ug/l	99
46) Dibromomethane	7.66	93	32995	19.050	ug/l	98
47) Bromodichloromethane	7.90	83	64170	19.356	ug/l	100
48) Methyl methacrylate	7.77	41	70001	19.370	ug/l	99
49) 1,4-Dioxane	7.74	88	28820	401.077	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	462931	98.682	ug/l	100
52) Toluene	8.78	92	119005	19.073	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	67086	18.475	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	77130	18.680	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	49756	19.590	ug/l	99
56) Ethyl methacrylate	9.18	69	89281	19.474	ug/l	99
57) 1,3-Dichloropropane	9.37	76	87890	19.301	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	217850	91.925	ug/l	100
59) 2-Hexanone	9.49	43	357642	98.390	ug/l	100
60) Dibromochloromethane	9.58	129	45868	18.990	ug/l	98
61) 1,2-Dibromoethane	9.67	107	49410	19.063	ug/l	97
64) Tetrachloroethene	9.34	164	36388	18.451	ug/l	99
65) Chlorobenzene	10.13	112	120681	19.049	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	42270	19.339	ug/l	99
67) Ethyl Benzene	10.25	91	226538	18.947	ug/l	99
68) m/p-Xylenes	10.36	106	165395	38.025	ug/l	100
69) o-Xylene	10.69	106	80614	19.098	ug/l	100
70) Styrene	10.71	104	139277	19.102	ug/l	100
71) Bromoform	10.85	173	32044	18.564	ug/l #	99
73) Isopropylbenzene	11.02	105	216056	19.905	ug/l	100
74) N-amyl acetate	10.90	43	125885	20.037	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	84323	20.022	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	78117m	19.694	ug/l	
77) Bromobenzene	11.26	156	49877	18.933	ug/l	98
78) n-propylbenzene	11.36	91	249048	19.586	ug/l	100
79) 2-Chlorotoluene	11.42	91	149110	19.280	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	180921	19.715	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	22560	18.216	ug/l	92
82) 4-Chlorotoluene	11.51	91	170329	19.093	ug/l	100
83) tert-Butylbenzene	11.77	119	172350	19.466	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	180539	19.451	ug/l	99
85) sec-Butylbenzene	11.94	105	206758	19.610	ug/l	99
86) p-Isopropyltoluene	12.06	119	183023	19.673	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	86538	18.385	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	88820	18.698	ug/l	99
89) n-Butylbenzene	12.38	91	166160	18.854	ug/l	99
90) Hexachloroethane	12.60	117	29319	18.916	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	89423	18.971	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	18567	20.219	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	58393	18.400	ug/l	99
94) Hexachlorobutadiene	13.78	225	28273	18.763	ug/l	99
95) Naphthalene	13.83	128	219690	20.192	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	61644	19.331	ug/l	99

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

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