

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022619\
 Data File : VX007722.D
 Acq On : 26 Feb 2019 19:06
 Operator : JC/SP
 Sample : VX0226WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0226WBSD01

Manual Integrations
 APPROVED

MMDadoda
 2/27/2019 10:07:02 AM

Quant Time: Feb 27 00:47:01 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	5.67	168	311967	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	498822	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	457313	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	219939	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	194070	50.22	ug/l	0.00
Spiked Amount			Recovery	=	100.44%	
35) Dibromofluoromethane	5.51	113	171662	51.48	ug/l	0.00
Spiked Amount			Recovery	=	102.96%	
50) Toluene-d8	8.71	98	648851	50.83	ug/l	0.00
Spiked Amount			Recovery	=	101.66%	
62) 4-Bromofluorobenzene	11.13	95	226017	48.24	ug/l	0.00
Spiked Amount			Recovery	=	96.48%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	57484	20.003	ug/l	100
3) Chloromethane	1.33	50	63218	19.851	ug/l	95
4) Vinyl Chloride	1.41	62	67691	20.718	ug/l	99
5) Bromomethane	1.64	94	46341	21.635	ug/l	99
6) Chloroethane	1.73	64	42952	20.577	ug/l	98
7) Trichlorofluoromethane	1.93	101	102513	20.467	ug/l	97
8) Diethyl Ether	2.19	74	40440	19.673	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	58419	19.297	ug/l	93
10) Methyl Iodide	2.51	142	79926	21.203	ug/l	96
11) Tert butyl alcohol	3.07	59	73476	100.214	ug/l #	94
12) 1,1-Dichloroethene	2.38	96	55933	20.497	ug/l	98
13) Acrolein	2.30	56	44820	68.793	ug/l	94
14) Allyl chloride	2.73	41	100083	19.835	ug/l	98
15) Acrylonitrile	3.15	53	179558	104.066	ug/l	100
16) Acetone	2.45	43	157656	91.743	ug/l	99
17) Carbon Disulfide	2.57	76	149571	19.701	ug/l	98
18) Methyl Acetate	2.78	43	77257	20.603	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	195867	20.612	ug/l	96
20) Methylene Chloride	2.85	84	65567	20.663	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	59806	20.160	ug/l	89
22) Diisopropyl ether	3.87	45	207387	19.744	ug/l	92
23) Vinyl Acetate	3.82	43	907344	98.459	ug/l	99
24) 1,1-Dichloroethane	3.70	63	115815	20.288	ug/l	100
25) 2-Butanone	4.70	43	258929	98.917	ug/l	100
26) 2,2-Dichloropropane	4.59	77	73695	16.173	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	75564	20.018	ug/l	99
28) Bromochloromethane	5.02	49	58221	20.950	ug/l	93
29) Tetrahydrofuran	5.15	42	169916	98.474	ug/l	99
30) Chloroform	5.22	83	122506	20.034	ug/l	95
31) Cyclohexane	5.57	56	102467	19.083	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	101748	20.120	ug/l	98
36) 1,1-Dichloropropene	5.80	75	88035	19.631	ug/l	99
37) Ethyl Acetate	4.85	43	98262	19.725	ug/l	98
38) Carbon Tetrachloride	5.78	117	90339	20.054	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103766	18.308	ug/l	95
40) Benzene	6.14	78	279770	20.209	ug/l	99
41) Methacrylonitrile	5.06	41	54083	20.331	ug/l	98
42) 1,2-Dichloroethane	6.20	62	93347	20.062	ug/l	96
43) Isopropyl Acetate	6.46	43	149475	19.496	ug/l	100
44) Trichloroethene	7.21	130	76334	20.044	ug/l	97
45) 1,2-Dichloropropane	7.51	63	71213	19.858	ug/l	97
46) Dibromomethane	7.66	93	48858	19.529	ug/l	94
47) Bromodichloromethane	7.90	83	89167	20.567	ug/l	99
48) Methyl methacrylate	7.77	41	77907	19.385	ug/l	100
49) 1,4-Dioxane	7.75	88	34358	395.820	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	527317	102.748	ug/l	99
52) Toluene	8.78	92	177289	20.309	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	88383	18.281	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	100369	19.077	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	75348	20.698	ug/l	98
56) Ethyl methacrylate	9.18	69	103959	20.082	ug/l	99
57) 1,3-Dichloropropane	9.37	76	121122	20.785	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	294706	103.235	ug/l	98
59) 2-Hexanone	9.49	43	403598	100.168	ug/l	100
60) Dibromochloromethane	9.58	129	71165	20.317	ug/l	99
61) 1,2-Dibromoethane	9.67	107	77290	20.450	ug/l	99
64) Tetrachloroethene	9.34	164	72985	19.659	ug/l	96
65) Chlorobenzene	10.14	112	195556	19.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	69388	20.112	ug/l	98
67) Ethyl Benzene	10.25	91	322822	19.703	ug/l	100
68) m/p-Xylenes	10.36	106	250864	39.357	ug/l	98
69) o-Xylene	10.69	106	121993	19.897	ug/l	97
70) Styrene	10.71	104	199867	19.832	ug/l	99
71) Bromoform	10.85	173	48342	18.685	ug/l #	98
73) Isopropylbenzene	11.02	105	325497	20.707	ug/l	100
74) N-amyl acetate	10.90	43	136754	20.034	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	111932	20.588	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	105690m	22.544	ug/l	
77) Bromobenzene	11.26	156	83724	21.235	ug/l	93
78) n-propylbenzene	11.36	91	363882	20.485	ug/l	98
79) 2-Chlorotoluene	11.42	91	215101	20.111	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	267385	20.679	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	27098	17.566	ug/l	93
82) 4-Chlorotoluene	11.51	91	250290	20.004	ug/l	97
83) tert-Butylbenzene	11.77	119	254918	20.534	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	272508	20.604	ug/l	98
85) sec-Butylbenzene	11.94	105	320208	20.583	ug/l	99
86) p-Isopropyltoluene	12.06	119	273726	20.091	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	151022	20.650	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	148579	19.837	ug/l	96
89) n-Butylbenzene	12.38	91	229855	18.918	ug/l	99
90) Hexachloroethane	12.60	117	46132	20.096	ug/l	84
91) 1,2-Dichlorobenzene	12.39	146	150906	20.623	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22358	18.874	ug/l	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88405	19.792	ug/l	99
94) Hexachlorobutadiene	13.78	225	40852	19.992	ug/l	97
95) Naphthalene	13.83	128	298323	20.615	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92363	20.594	ug/l	98

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

