

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY101019\
 Data File : VY000255.D
 Acq On : 10 Oct 2019 16:00
 Operator : SY/MD
 Sample : VY1010WBSD01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1010WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/14/2019 1:33:17 PM

Quant Time: Oct 11 07:09:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:22:40 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	457018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	412301	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	197807	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.15	65	170749	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	7.73	113	137261	48.20	ug/l	0.00
Spiked Amount			Recovery	=	96.40%	
50) Toluene-d8	10.19	98	530462	47.42	ug/l	0.00
Spiked Amount			Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.48	95	189667	48.04	ug/l	0.00
Spiked Amount			Recovery	=	96.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	50506	18.692	ug/l	94
3) Chloromethane	2.12	50	68527	18.623	ug/l	98
4) Vinyl Chloride	2.25	62	72565	19.100	ug/l	98
5) Bromomethane	2.64	94	51380	21.435	ug/l	98
6) Chloroethane	2.79	64	45712	19.050	ug/l	96
7) Trichlorofluoromethane	3.13	101	93386	19.021	ug/l	97
8) Diethyl Ether	3.54	74	40513	18.048	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.90	101	53062	18.512	ug/l	98
10) Methyl Iodide	4.09	142	76282	16.770	ug/l	98
11) Tert butyl alcohol	4.97	59	186183	98.448	ug/l	98
12) 1,1-Dichloroethene	3.87	96	56527	18.995	ug/l	87
13) Acrolein	3.74	56	79388	79.971	ug/l	96
14) Allyl chloride	4.49	41	92512	18.450	ug/l	98
15) Acrylonitrile	5.18	53	310742	93.081	ug/l	99
16) Acetone	3.96	43	273856	99.330	ug/l	97
17) Carbon Disulfide	4.20	76	161406	18.403	ug/l	99
18) Methyl Acetate	4.49	43	142813	18.902	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	198810	18.262	ug/l	99
20) Methylene Chloride	4.72	84	65386	18.053	ug/l	# 94
21) trans-1,2-Dichloroethene	5.22	96	62275	18.603	ug/l	96
22) Diisopropyl ether	6.13	45	211292	18.188	ug/l	99
23) Vinyl Acetate	6.07	43	977267	86.583	ug/l	98
24) 1,1-Dichloroethane	6.03	63	110251	18.606	ug/l	98
25) 2-Butanone	7.00	43	498115	97.661	ug/l	99
26) 2,2-Dichloropropane	6.99	77	94655	17.696	ug/l	99
27) cis-1,2-Dichloroethene	7.00	96	73178	18.558	ug/l	98
28) Bromochloromethane	7.35	49	42430	21.754	ug/l	96
29) Tetrahydrofuran	7.36	42	338395	93.943	ug/l	99
30) Chloroform	7.52	83	114627	18.639	ug/l	93
31) Cyclohexane	7.79	56	104326	17.431	ug/l	# 94
32) 1,1,1-Trichloroethane	7.72	97	100277	19.180	ug/l	98
36) 1,1-Dichloropropene	7.93	75	87437	18.803	ug/l	100
37) Ethyl Acetate	7.08	43	152794	18.176	ug/l	99
38) Carbon Tetrachloride	7.91	117	88029	19.423	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	103177	17.687	ug/l	98
40) Benzene	8.17	78	266928	18.923	ug/l	99
41) Methacrylonitrile	7.35	41	117659m	17.782	ug/l	
42) 1,2-Dichloroethane	8.25	62	89053	19.436	ug/l	97
43) Isopropyl Acetate	8.28	43	204920	18.938	ug/l	99
44) Trichloroethene	8.95	130	72844	19.043	ug/l	100
45) 1,2-Dichloropropane	9.22	63	68064	19.264	ug/l	94
46) Dibromomethane	9.32	93	46101	18.612	ug/l	98
47) Bromodichloromethane	9.50	83	90632	18.706	ug/l	92
48) Methyl methacrylate	9.30	41	92047	18.847	ug/l	98
49) 1,4-Dioxane	9.30	88	48243	384.791	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	787074	96.787	ug/l	99
52) Toluene	10.25	92	167823	18.549	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	102757	18.694	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	110863	18.639	ug/l	95
55) 1,1,2-Trichloroethane	10.65	97	65750	18.430	ug/l	99
56) Ethyl methacrylate	10.51	69	116598	18.564	ug/l	99
57) 1,3-Dichloropropane	10.80	76	113892	18.698	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.79	63	317673	113.473	ug/l	100
59) 2-Hexanone	10.84	43	686957	90.935	ug/l	98
60) Dibromochloromethane	10.99	129	71075	18.843	ug/l	99
61) 1,2-Dibromoethane	11.10	107	72076	19.020	ug/l	98
64) Tetrachloroethene	10.72	164	74759	19.837	ug/l	95
65) Chlorobenzene	11.52	112	178337	18.665	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.60	131	66707	19.529	ug/l	96
67) Ethyl Benzene	11.60	91	317430	18.585	ug/l	100
68) m/p-Xylenes	11.70	106	244597	37.532	ug/l	98
69) o-Xylene	12.03	106	117446	18.706	ug/l	99
70) Styrene	12.05	104	200313	18.522	ug/l	99
71) Bromoform	12.21	173	52602	18.663	ug/l	100
73) Isopropylbenzene	12.33	105	312131	18.622	ug/l	100
74) N-amyl acetate	12.14	43	153224	17.395	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	104931	18.343	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	99713m	19.093	ug/l	
77) Bromobenzene	12.61	156	72606	18.472	ug/l	96
78) n-propylbenzene	12.67	91	360795	18.428	ug/l	99
79) 2-Chlorotoluene	12.75	91	209886	18.620	ug/l	99
80) 1,3,5-Trimethylbenzene	12.81	105	262115	18.741	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	42335	16.297	ug/l	88
82) 4-Chlorotoluene	12.86	91	214312	18.771	ug/l	99
83) tert-Butylbenzene	13.08	119	226705	18.649	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	257038	18.394	ug/l	100
85) sec-Butylbenzene	13.25	105	309358	18.463	ug/l	100
86) p-Isopropyltoluene	13.37	119	276438	18.761	ug/l	99
87) 1,3-Dichlorobenzene	13.37	146	137042	19.237	ug/l	99
88) 1,4-Dichlorobenzene	13.44	146	137297	18.503	ug/l	99
89) n-Butylbenzene	13.70	91	249643	17.977	ug/l	99
90) Hexachloroethane	13.96	117	52267	18.752	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	136125	18.879	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	34284	17.702	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	89719	18.326	ug/l	99
94) Hexachlorobutadiene	15.11	225	41814	17.873	ug/l	96
95) Naphthalene	15.23	128	341461	18.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	89619	19.031	ug/l	99

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

