

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000232.D
 Acq On : 08 Oct 2019 20:44
 Operator : SY/MD
 Sample : VY1008WBS01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:33 AM

Quant Time: Oct 09 09:10:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 08:54:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	269977	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	451097	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	402572	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	192419	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	155392	44.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.50%	
35) Dibromofluoromethane	7.73	113	124843	44.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.84%	
50) Toluene-d8	10.19	98	471619	42.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.44%	
62) 4-Bromofluorobenzene	12.49	95	165715	42.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.06%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	46721	17.335	ug/l	95
3) Chloromethane	2.12	50	64726	17.634	ug/l	97
4) Vinyl Chloride	2.25	62	65092	17.177	ug/l	96
5) Bromomethane	2.64	94	50467	21.107	ug/l	99
6) Chloroethane	2.79	64	42659	17.822	ug/l	94
7) Trichlorofluoromethane	3.13	101	87380	17.843	ug/l	96
8) Diethyl Ether	3.54	74	37999	16.971	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.91	101	47027	16.448	ug/l	98
10) Methyl Iodide	4.10	142	64251	14.250	ug/l	100
11) Tert butyl alcohol	4.97	59	170339	90.298	ug/l	99
12) 1,1-Dichloroethene	3.88	96	52886	17.817	ug/l	98
13) Acrolein	3.74	56	77755	78.524	ug/l	98
14) Allyl chloride	4.49	41	82123	16.419	ug/l	95
15) Acrylonitrile	5.17	53	292685	87.894	ug/l	100
16) Acetone	3.95	43	261586	95.119	ug/l	95
17) Carbon Disulfide	4.19	76	151133	17.275	ug/l	99
18) Methyl Acetate	4.48	43	134099	17.793	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	189818	17.480	ug/l	94
20) Methylene Chloride	4.72	84	61725	17.085	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	57582	17.245	ug/l	98
22) Diisopropyl ether	6.13	45	195125	16.839	ug/l	98
23) Vinyl Acetate	6.07	43	904092	80.470	ug/l	100
24) 1,1-Dichloroethane	6.03	63	101282	17.135	ug/l	99
25) 2-Butanone	7.00	43	470861	92.551	ug/l	99
26) 2,2-Dichloropropane	7.00	77	82983	15.553	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	68331	17.373	ug/l	97
28) Bromochloromethane	7.35	49	36071	18.541	ug/l	91
29) Tetrahydrofuran	7.36	42	315461	87.797	ug/l	98
30) Chloroform	7.52	83	107489	17.523	ug/l	97
31) Cyclohexane	7.79	56	89351	14.966	ug/l	95
32) 1,1,1-Trichloroethane	7.71	97	89426	17.147	ug/l	99
36) 1,1-Dichloropropene	7.93	75	75648	16.481	ug/l	99
37) Ethyl Acetate	7.09	43	141544	17.058	ug/l	99
38) Carbon Tetrachloride	7.91	117	79078	17.677	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	87635	15.220	ug/l	95
40) Benzene	8.17	78	245246	17.614	ug/l	98
41) Methacrylonitrile	7.35	41	107388m	16.443	ug/l	
42) 1,2-Dichloroethane	8.25	62	83138	18.383	ug/l	99
43) Isopropyl Acetate	8.28	43	189917	17.782	ug/l	99
44) Trichloroethene	8.95	130	67485	17.874	ug/l	99
45) 1,2-Dichloropropane	9.22	63	60933	17.472	ug/l	91
46) Dibromomethane	9.32	93	42978	17.579	ug/l	99
47) Bromodichloromethane	9.50	83	83894	17.542	ug/l	96
48) Methyl methacrylate	9.30	41	80989	16.800	ug/l	97
49) 1,4-Dioxane	9.30	88	44528	359.822	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	732362	91.241	ug/l	100
52) Toluene	10.25	92	151845	17.004	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	95245	17.554	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	100303	17.085	ug/l	97
55) 1,1,2-Trichloroethane	10.65	97	63554	18.049	ug/l	98
56) Ethyl methacrylate	10.52	69	107384	17.322	ug/l	98
57) 1,3-Dichloropropane	10.80	76	105584	17.561	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	253308	91.669	ug/l	99
59) 2-Hexanone	10.84	43	639088	85.303	ug/l	97
60) Dibromochloromethane	10.99	129	66716	17.920	ug/l	98
61) 1,2-Dibromoethane	11.09	107	67147	17.952	ug/l	100
64) Tetrachloroethene	10.72	164	67815	18.430	ug/l	97
65) Chlorobenzene	11.52	112	162058	17.372	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.60	131	59384	17.806	ug/l	99
67) Ethyl Benzene	11.60	91	281667	16.890	ug/l	100
68) m/p-Xylenes	11.70	106	217795	34.227	ug/l	97
69) o-Xylene	12.03	106	105662	17.236	ug/l	97
70) Styrene	12.05	104	180944	17.136	ug/l	99
71) Bromoform	12.21	173	49331	17.925	ug/l #	97
73) Isopropylbenzene	12.33	105	272551	16.716	ug/l	99
74) N-amyl acetate	12.14	43	138419	16.163	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	98537	17.708	ug/l	99
76) 1,2,3-Trichloropropane	12.64	75	92638m	18.235	ug/l	
77) Bromobenzene	12.61	156	67701	17.706	ug/l	95
78) n-propylbenzene	12.67	91	310819	16.320	ug/l	99
79) 2-Chlorotoluene	12.76	91	183068	16.695	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	227788	16.743	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	41104	16.268	ug/l #	87
82) 4-Chlorotoluene	12.86	91	185758	16.725	ug/l	97
83) tert-Butylbenzene	13.08	119	194524	16.450	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	227427	16.731	ug/l	99
85) sec-Butylbenzene	13.25	105	263991	16.196	ug/l	100
86) p-Isopropyltoluene	13.37	119	235800	16.451	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	122409	17.664	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	123883	17.162	ug/l	98
89) n-Butylbenzene	13.70	91	209087	15.478	ug/l	100
90) Hexachloroethane	13.96	117	44080	16.258	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	121239	17.285	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	32553	17.277	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	80124	16.825	ug/l	99
94) Hexachlorobutadiene	15.11	225	35598	15.642	ug/l	97
95) Naphthalene	15.23	128	311722	17.400	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	77676	16.957	ug/l	98

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

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