

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000233.D
 Acq On : 08 Oct 2019 21:06
 Operator : SY/MD
 Sample : VY1008WBSD01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1008WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:58 AM

Quant Time: Oct 09 09:11:36 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	253848	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	418690	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	372818	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	176992	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	165282	50.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.24%	
35) Dibromofluoromethane	7.73	113	131281	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
50) Toluene-d8	10.19	98	485906	47.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.84%	
62) 4-Bromofluorobenzene	12.48	95	171127	47.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	44032	17.375	ug/l	97
3) Chloromethane	2.12	50	63654	18.444	ug/l	99
4) Vinyl Chloride	2.25	62	63678	17.871	ug/l	90
5) Bromomethane	2.65	94	48214	21.446	ug/l	97
6) Chloroethane	2.80	64	40287	17.901	ug/l	97
7) Trichlorofluoromethane	3.12	101	75129	16.316	ug/l	93
8) Diethyl Ether	3.53	74	36696	17.430	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	43538	16.195	ug/l	96
10) Methyl Iodide	4.10	142	66144	15.548	ug/l	98
11) Tert butyl alcohol	4.97	59	171934	96.935	ug/l	99
12) 1,1-Dichloroethene	3.87	96	48404	17.343	ug/l	86
13) Acrolein	3.73	56	79221	85.088	ug/l	100
14) Allyl chloride	4.49	41	78442	16.680	ug/l	99
15) Acrylonitrile	5.18	53	284730	90.938	ug/l	99
16) Acetone	3.95	43	255670	98.875	ug/l	94
17) Carbon Disulfide	4.19	76	138377	16.822	ug/l	99
18) Methyl Acetate	4.49	43	131295	18.528	ug/l	100
19) Methyl tert-butyl Ether	5.23	73	180812	17.708	ug/l	98
20) Methylene Chloride	4.72	84	59698	17.574	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	54508	17.361	ug/l	97
22) Diisopropyl ether	6.13	45	190156	17.453	ug/l	98
23) Vinyl Acetate	6.07	43	883138	83.510	ug/l	99
24) 1,1-Dichloroethane	6.02	63	100375	18.061	ug/l	97
25) 2-Butanone	7.00	43	462631	96.711	ug/l	97
26) 2,2-Dichloropropane	6.99	77	79626	15.872	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	64550	17.454	ug/l	99
28) Bromochloromethane	7.35	49	36886	20.164	ug/l	93
29) Tetrahydrofuran	7.36	42	310578	91.930	ug/l	99
30) Chloroform	7.52	83	99730	17.291	ug/l	89
31) Cyclohexane	7.80	56	85651	15.258	ug/l	95
32) 1,1,1-Trichloroethane	7.72	97	84479	17.228	ug/l	99
36) 1,1-Dichloropropene	7.93	75	74404	17.465	ug/l	97
37) Ethyl Acetate	7.09	43	142432	18.494	ug/l	99
38) Carbon Tetrachloride	7.91	117	72859	17.548	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.19	83	81669	15.281	ug/l	99
40) Benzene	8.17	78	229638	17.770	ug/l	98
41) Methacrylonitrile	7.35	41	101640m	16.767	ug/l	
42) 1,2-Dichloroethane	8.25	62	79864	19.026	ug/l	100
43) Isopropyl Acetate	8.28	43	185128	18.675	ug/l	99
44) Trichloroethene	8.95	130	60720	17.327	ug/l	98
45) 1,2-Dichloropropane	9.22	63	56875	17.571	ug/l	99
46) Dibromomethane	9.31	93	42464	18.713	ug/l	97
47) Bromodichloromethane	9.50	83	78504	17.686	ug/l #	92
48) Methyl methacrylate	9.30	41	82888	18.525	ug/l	97
49) 1,4-Dioxane	9.30	88	44102	383.963	ug/l	96
51) 4-Methyl-2-Pentanone	10.08	43	719594	96.589	ug/l	99
52) Toluene	10.25	92	141504	17.072	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	90777	18.026	ug/l	99
54) cis-1,3-Dichloropropene	9.94	75	97780	17.944	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	60255	18.436	ug/l	97
56) Ethyl methacrylate	10.52	69	103976	18.070	ug/l	98
57) 1,3-Dichloropropane	10.80	76	103729	18.588	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.79	63	264650	103.187	ug/l	99
59) 2-Hexanone	10.84	43	616502	88.935	ug/l	98
60) Dibromochloromethane	10.99	129	63904	18.493	ug/l	99
61) 1,2-Dibromoethane	11.10	107	64216	18.497	ug/l	100
64) Tetrachloroethene	10.72	164	59685	17.515	ug/l	96
65) Chlorobenzene	11.52	112	152142	17.610	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.60	131	57972	18.770	ug/l	97
67) Ethyl Benzene	11.60	91	259946	16.831	ug/l	100
68) m/p-Xylenes	11.70	106	199469	33.849	ug/l	98
69) o-Xylene	12.03	106	100287	17.665	ug/l	96
70) Styrene	12.05	104	166506	17.027	ug/l	98
71) Bromoform	12.21	173	47840	18.771	ug/l #	100
73) Isopropylbenzene	12.33	105	249447	16.632	ug/l	99
74) N-amyl acetate	12.14	43	137258	17.414	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.58	83	96876	18.927	ug/l	98
76) 1,2,3-Trichloropropane	12.63	75	86669m	18.547	ug/l	
77) Bromobenzene	12.61	156	60708	17.261	ug/l	97
78) n-propylbenzene	12.67	91	283640	16.191	ug/l	99
79) 2-Chlorotoluene	12.75	91	169350	16.790	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	211008	16.861	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.38	75	39064	16.781	ug/l #	87
82) 4-Chlorotoluene	12.86	91	175527	17.182	ug/l	100
83) tert-Butylbenzene	13.07	119	177906	16.356	ug/l	99
84) 1,2,4-Trimethylbenzene	13.12	105	209494	16.755	ug/l	100
85) sec-Butylbenzene	13.25	105	241544	16.111	ug/l	100
86) p-Isopropyltoluene	13.37	119	215147	16.319	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	112950	17.720	ug/l	98
88) 1,4-Dichlorobenzene	13.44	146	113839	17.146	ug/l	99
89) n-Butylbenzene	13.70	91	191465	15.409	ug/l	98
90) Hexachloroethane	13.96	117	41501	16.641	ug/l	99
91) 1,2-Dichlorobenzene	13.74	146	114378	17.729	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31774	18.339	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.01	180	76312	17.421	ug/l	99
94) Hexachlorobutadiene	15.11	225	34456	16.460	ug/l	97
95) Naphthalene	15.23	128	297832	18.073	ug/l	99
96) 1,2,3-Trichlorobenzene	15.42	180	73050	17.337	ug/l	99

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

