

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000247.D
 Acq On : 09 Oct 2019 16:36
 Operator : SY/MD
 Sample : VY1009WBSD01
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1009WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:40:46 AM

Quant Time: Oct 10 02:05:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:24:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	240888	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	408520	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	359267	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	172081	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.16	65	159688	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	
35) Dibromofluoromethane	7.73	113	126392	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	10.19	98	475079	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
62) 4-Bromofluorobenzene	12.49	95	168960	47.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	43899	18.255	ug/l	93
3) Chloromethane	2.12	50	58837	17.966	ug/l	98
4) Vinyl Chloride	2.25	62	62154	18.382	ug/l	99
5) Bromomethane	2.65	94	44458	20.839	ug/l	100
6) Chloroethane	2.79	64	37708	17.656	ug/l	98
7) Trichlorofluoromethane	3.13	101	78399	17.942	ug/l	95
8) Diethyl Ether	3.54	74	34788	17.413	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.91	101	44829	17.572	ug/l	98
10) Methyl Iodide	4.09	142	65676	16.242	ug/l	97
11) Tert butyl alcohol	4.97	59	155432	92.346	ug/l	99
12) 1,1-Dichloroethene	3.88	96	47385	17.891	ug/l	88
13) Acrolein	3.74	56	67117	75.966	ug/l	97
14) Allyl chloride	4.49	41	76685	17.183	ug/l	96
15) Acrylonitrile	5.18	53	271153	91.261	ug/l	99
16) Acetone	3.96	43	232870	94.903	ug/l	96
17) Carbon Disulfide	4.20	76	134200	17.192	ug/l	99
18) Methyl Acetate	4.49	43	128604	19.125	ug/l	98
19) Methyl tert-butyl Ether	5.24	73	175967	18.161	ug/l	98
20) Methylene Chloride	4.72	84	57241	17.757	ug/l	96
21) trans-1,2-Dichloroethene	5.23	96	53130	17.833	ug/l	99
22) Diisopropyl ether	6.13	45	181263	17.532	ug/l	98
23) Vinyl Acetate	6.08	43	843169	84.005	ug/l	98
24) 1,1-Dichloroethane	6.04	63	94450	17.909	ug/l	99
25) 2-Butanone	7.00	43	427499	94.175	ug/l	100
26) 2,2-Dichloropropane	7.00	77	81859	17.195	ug/l	98
27) cis-1,2-Dichloroethene	7.00	96	63276	18.030	ug/l	96
28) Bromochloromethane	7.35	49	35760	20.601	ug/l	100
29) Tetrahydrofuran	7.36	42	290443	90.596	ug/l	98
30) Chloroform	7.52	83	97565	17.826	ug/l	99
31) Cyclohexane	7.79	56	86312	16.203	ug/l	96
32) 1,1,1-Trichloroethane	7.72	97	82612	17.754	ug/l	99
36) 1,1-Dichloropropene	7.93	75	68764	16.543	ug/l	98
37) Ethyl Acetate	7.09	43	135550	18.039	ug/l	99
38) Carbon Tetrachloride	7.91	117	72838	17.979	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	87286	16.739	ug/l	90
40) Benzene	8.18	78	223746	17.745	ug/l	99
41) Methacrylonitrile	7.35	41	115209m	19.479	ug/l	
42) 1,2-Dichloroethane	8.25	62	77544	18.933	ug/l	99
43) Isopropyl Acetate	8.28	43	177071	18.307	ug/l	100
44) Trichloroethene	8.95	130	62259	18.208	ug/l	95
45) 1,2-Dichloropropane	9.23	63	56986	18.043	ug/l	92
46) Dibromomethane	9.32	93	38235	17.269	ug/l	96
47) Bromodichloromethane	9.50	83	78848	18.205	ug/l	96
48) Methyl methacrylate	9.30	41	80863	18.522	ug/l	96
49) 1,4-Dioxane	9.31	88	40341	359.962	ug/l	99
51) 4-Methyl-2-Pentanone	10.08	43	678217	93.302	ug/l	99
52) Toluene	10.25	92	139293	17.224	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	88675	18.047	ug/l	98
54) cis-1,3-Dichloropropene	9.94	75	92466	17.391	ug/l	98
55) 1,1,2-Trichloroethane	10.65	97	58572	18.367	ug/l	96
56) Ethyl methacrylate	10.52	69	97620	17.388	ug/l	95
57) 1,3-Dichloropropane	10.80	76	100620	18.480	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	245324	98.033	ug/l	98
59) 2-Hexanone	10.84	43	589877	87.076	ug/l	98
60) Dibromochloromethane	10.99	129	61558	18.258	ug/l	99
61) 1,2-Dibromoethane	11.09	107	61841	18.257	ug/l	100
64) Tetrachloroethene	10.72	164	64265	19.570	ug/l	99
65) Chlorobenzene	11.52	112	150406	18.066	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.60	131	54950	18.462	ug/l	100
67) Ethyl Benzene	11.60	91	258418	17.364	ug/l	100
68) m/p-Xylenes	11.70	106	197036	34.697	ug/l	99
69) o-Xylene	12.03	106	96509	17.641	ug/l	98
70) Styrene	12.05	104	164775	17.485	ug/l	100
71) Bromoform	12.21	173	44763	18.226	ug/l #	98
73) Isopropylbenzene	12.33	105	251502	17.248	ug/l	100
74) N-amyl acetate	12.14	43	128788	16.811	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	92170	18.521	ug/l	95
76) 1,2,3-Trichloropropane	12.64	75	89181m	19.629	ug/l	
77) Bromobenzene	12.61	156	62364	18.238	ug/l	94
78) n-propylbenzene	12.67	91	293470	17.230	ug/l	98
79) 2-Chlorotoluene	12.76	91	171349	17.473	ug/l	100
80) 1,3,5-Trimethylbenzene	12.81	105	212356	17.453	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.38	75	38024	16.799	ug/l #	89
82) 4-Chlorotoluene	12.86	91	172287	17.346	ug/l	98
83) tert-Butylbenzene	13.08	119	184042	17.403	ug/l	100
84) 1,2,4-Trimethylbenzene	13.12	105	212852	17.509	ug/l	99
85) sec-Butylbenzene	13.25	105	251771	17.272	ug/l	99
86) p-Isopropyltoluene	13.37	119	224321	17.500	ug/l	99
87) 1,3-Dichlorobenzene	13.36	146	111112	17.929	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	113625	17.602	ug/l	98
89) n-Butylbenzene	13.70	91	200353	16.585	ug/l	99
90) Hexachloroethane	13.96	117	42980	17.726	ug/l	100
91) 1,2-Dichlorobenzene	13.74	146	113496	18.094	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	31546	18.729	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	74907	17.588	ug/l	99
94) Hexachlorobutadiene	15.11	225	36445	17.907	ug/l	98
95) Naphthalene	15.23	128	291029	18.165	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	75843	18.513	ug/l	98

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

