

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000231.D
 Acq On : 08 Oct 2019 20:21
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:32 AM

Quant Time: Oct 09 09:24:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 09:14:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	254734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	417885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	365231	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	166903	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	175097	53.44	ug/l	0.00
Spiked Amount						
			Recovery	=	106.88%	
35) Dibromofluoromethane	7.73	113	140108	53.81	ug/l	0.00
Spiked Amount						
			Recovery	=	107.62%	
50) Toluene-d8	10.19	98	513474	50.20	ug/l	0.00
Spiked Amount						
			Recovery	=	100.40%	
62) 4-Bromofluorobenzene	12.48	95	174016	48.21	ug/l	0.00
Spiked Amount						
			Recovery	=	96.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.90	85	5923	2.329	ug/l	97
3) Chloromethane	2.12	50	8943	2.582	ug/l	96
4) Vinyl Chloride	2.25	62	8358	2.338	ug/l #	87
5) Bromomethane	2.64	94	8821	3.910	ug/l	92
6) Chloroethane	2.79	64	5773	2.556	ug/l	96
7) Trichlorofluoromethane	3.12	101	11885	2.572	ug/l	94
8) Diethyl Ether	3.54	74	5567	2.635	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.91	101	7244	2.685	ug/l	92
10) Methyl Iodide	4.10	142	5681	1.428	ug/l #	96
11) Tert butyl alcohol	4.97	59	29282	16.451	ug/l	97
12) 1,1-Dichloroethene	3.88	96	7236	2.584	ug/l	96
13) Acrolein	3.74	56	14524	15.545	ug/l	98
14) Allyl chloride	4.49	41	13504	2.861	ug/l	95
15) Acrylonitrile	5.18	53	43025	13.694	ug/l	99
16) Acetone	3.96	43	39448	15.203	ug/l	95
17) Carbon Disulfide	4.19	76	17644	2.137	ug/l #	94
18) Methyl Acetate	4.49	43	20520	2.886	ug/l	96
19) Methyl tert-butyl Ether	5.24	73	27417	2.676	ug/l	100
20) Methylene Chloride	4.73	84	10947	3.211	ug/l #	84
21) trans-1,2-Dichloroethene	5.22	96	7980	2.533	ug/l #	68
22) Diisopropyl ether	6.13	45	28666	2.622	ug/l	98
23) Vinyl Acetate	6.07	43	124572	12.580	ug/l	100
24) 1,1-Dichloroethane	6.03	63	14490	2.598	ug/l #	96
25) 2-Butanone	7.00	43	67206	14.000	ug/l	97
26) 2,2-Dichloropropane	6.99	77	12437	2.470	ug/l	99
27) cis-1,2-Dichloroethene	6.99	96	9703	2.615	ug/l	99
28) Bromochloromethane	7.35	49	5406	2.945	ug/l #	96
29) Tetrahydrofuran	7.36	42	44193	13.035	ug/l	96
30) Chloroform	7.53	83	15180	2.623	ug/l	90
31) Cyclohexane	7.80	56	18396	3.266	ug/l #	79
32) 1,1,1-Trichloroethane	7.72	97	13205	2.684	ug/l	98
36) 1,1-Dichloropropene	7.92	75	10705	2.518	ug/l	98
37) Ethyl Acetate	7.08	43	19637	2.555	ug/l #	90
38) Carbon Tetrachloride	7.91	117	10780	2.601	ug/l	98

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39) Methylcyclohexane	9.19	83	12551	2.353	ug/l	86
40) Benzene	8.17	78	33092	2.566	ug/l	98
41) Methacrylonitrile	7.35	41	16810m	2.778	ug/l	
42) 1,2-Dichloroethane	8.25	62	12285	2.932	ug/l	99
43) Isopropyl Acetate	8.28	43	26888	2.718	ug/l #	97
44) Trichloroethene	8.95	130	9220	2.636	ug/l	90
45) 1,2-Dichloropropane	9.22	63	8325	2.577	ug/l #	87
46) Dibromomethane	9.32	93	5891	2.601	ug/l	96
47) Bromodichloromethane	9.50	83	11545	2.606	ug/l	98
48) Methyl methacrylate	9.30	41	11770	2.636	ug/l	94
49) 1,4-Dioxane	9.30	88	6328	55.199	ug/l	97
51) 4-Methyl-2-Pentanone	10.08	43	98941	13.306	ug/l	98
52) Toluene	10.25	92	20376	2.463	ug/l	95
53) t-1,3-Dichloropropene	10.47	75	12128	2.413	ug/l	100
54) cis-1,3-Dichloropropene	9.93	75	12908	2.373	ug/l #	79
55) 1,1,2-Trichloroethane	10.65	97	9478	2.906	ug/l	95
56) Ethyl methacrylate	10.52	69	14175	2.468	ug/l	97
57) 1,3-Dichloropropane	10.80	76	16604	2.981	ug/l	94
58) 2-Chloroethyl Vinyl ether	9.79	63	35031	13.685	ug/l	96
59) 2-Hexanone	10.84	43	85608	13.584	ug/l	97
60) Dibromochloromethane	10.99	129	9325	2.704	ug/l	97
61) 1,2-Dibromoethane	11.10	107	9655	2.786	ug/l	95
64) Tetrachloroethene	10.72	164	9614	2.880	ug/l #	92
65) Chlorobenzene	11.52	112	22397	2.646	ug/l	90
66) 1,1,1,2-Tetrachloroethane	11.60	131	7680	2.538	ug/l	88
67) Ethyl Benzene	11.60	91	36689	2.425	ug/l	92
68) m/p-Xylenes	11.70	106	28281	4.899	ug/l	100
69) o-Xylene	12.03	106	14690	2.641	ug/l	95
70) Styrene	12.05	104	22853	2.385	ug/l	98
71) Bromoform	12.21	173	6147	2.462	ug/l #	99
73) Isopropylbenzene	12.33	105	35592	2.517	ug/l	96
74) N-amyl acetate	12.14	43	16495	2.449	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	13626	2.823	ug/l	97
76) 1,2,3-Trichloropropane	12.63	75	11981m	2.719	ug/l	
77) Bromobenzene	12.61	156	9167	2.764	ug/l	98
78) n-propylbenzene	12.67	91	41400	2.506	ug/l	99
79) 2-Chlorotoluene	12.76	91	24981	2.626	ug/l	94
80) 1,3,5-Trimethylbenzene	12.81	105	29618	2.510	ug/l	93
81) trans-1,4-Dichloro-2-buten	12.38	75	4644	2.174	ug/l #	77
82) 4-Chlorotoluene	12.86	91	23812	2.472	ug/l	99
83) tert-Butylbenzene	13.08	119	25111	2.448	ug/l	95
84) 1,2,4-Trimethylbenzene	13.12	105	29688	2.518	ug/l	99
85) sec-Butylbenzene	13.25	105	34309	2.427	ug/l	98
86) p-Isopropyltoluene	13.37	119	30477	2.451	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	16276	2.708	ug/l	97
88) 1,4-Dichlorobenzene	13.44	146	16907	2.700	ug/l	84
89) n-Butylbenzene	13.70	91	26196	2.236	ug/l	95
90) Hexachloroethane	13.95	117	5993	2.548	ug/l	97
91) 1,2-Dichlorobenzene	13.74	146	16197	2.662	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.35	75	4153	2.756	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	10049	2.433	ug/l	94
94) Hexachlorobutadiene	15.11	225	4971	2.518	ug/l	96
95) Naphthalene	15.23	128	41079	2.643	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	10487	2.639	ug/l	98

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

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