

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100919\
 Data File : VY000240.D
 Acq On : 09 Oct 2019 14:00
 Operator : SY/MD
 Sample : 2.5PPBMDL
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 2.5PPBMDL

Manual Integrations
 APPROVED

MMDadoda
 10/11/2019 8:40:38 AM

Quant Time: Oct 10 02:10:38 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 02:06:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	286687	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	465064	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	407737	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	191587	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.16	65	166920	45.27	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.54%	
35) Dibromofluoromethane	7.73	113	135650	46.81	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.62%	
50) Toluene-d8	10.19	98	516770	45.40	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.80%	
62) 4-Bromofluorobenzene	12.48	95	179154	44.60	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	89.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.91	85	6513	2.276	ug/l	76
3) Chloromethane	2.12	50	8115	2.082	ug/l #	87
4) Vinyl Chloride	2.26	62	8572	2.130	ug/l #	84
5) Bromomethane	2.65	94	8167	3.217	ug/l	92
6) Chloroethane	2.79	64	5677	2.234	ug/l	95
7) Trichlorofluoromethane	3.13	101	12514	2.406	ug/l	96
8) Diethyl Ether	3.53	74	5377	2.261	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.91	101	7250	2.388	ug/l	95
10) Methyl Iodide	4.10	142	6241	1.394	ug/l #	94
11) Tert butyl alcohol	4.97	59	28002	13.979	ug/l #	95
12) 1,1-Dichloroethene	3.88	96	6891	2.186	ug/l	95
13) Acrolein	3.74	56	12609	11.991	ug/l	99
14) Allyl chloride	4.48	41	10408	1.960	ug/l #	86
15) Acrylonitrile	5.18	53	38968	11.020	ug/l	98
16) Acetone	3.96	43	34104	11.678	ug/l	90
17) Carbon Disulfide	4.20	76	19384	2.087	ug/l #	94
18) Methyl Acetate	4.49	43	19587	2.447	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	24742	2.146	ug/l #	85
20) Methylene Chloride	4.72	84	8684	2.264	ug/l	98
21) trans-1,2-Dichloroethene	5.23	96	7624	2.150	ug/l #	90
22) Diisopropyl ether	6.13	45	24479	1.989	ug/l #	92
23) Vinyl Acetate	6.07	43	115680	10.380	ug/l	98
24) 1,1-Dichloroethane	6.02	63	14420	2.297	ug/l	96
25) 2-Butanone	7.00	43	58880	10.899	ug/l	94
26) 2,2-Dichloropropane	7.00	77	13581	2.397	ug/l #	76
27) cis-1,2-Dichloroethene	7.00	96	9766	2.338	ug/l	92
28) Bromochloromethane	7.35	49	4676	2.263	ug/l #	80
29) Tetrahydrofuran	7.36	42	40454	10.603	ug/l	94
30) Chloroform	7.52	83	15337	2.355	ug/l	93
31) Cyclohexane	7.80	56	18838	2.971	ug/l #	66
32) 1,1,1-Trichloroethane	7.72	97	12559	2.268	ug/l	94
36) 1,1-Dichloropropene	7.92	75	11268	2.381	ug/l	97
37) Ethyl Acetate	7.08	43	18934	2.213	ug/l #	94
38) Carbon Tetrachloride	7.91	117	11170	2.422	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.19	83	12976	2.186	ug/l	93
40) Benzene	8.17	78	33089	2.305	ug/l	94
41) Methacrylonitrile	7.35	41	16569m	2.461	ug/l	
42) 1,2-Dichloroethane	8.25	62	11967	2.567	ug/l	98
43) Isopropyl Acetate	8.28	43	25203	2.289	ug/l	98
44) Trichloroethene	8.95	130	9852	2.531	ug/l	88
45) 1,2-Dichloropropane	9.22	63	8391	2.334	ug/l	97
46) Dibromomethane	9.31	93	5575	2.212	ug/l	95
47) Bromodichloromethane	9.50	83	11062	2.244	ug/l	97
48) Methyl methacrylate	9.30	41	10451	2.103	ug/l	94
49) 1,4-Dioxane	9.31	88	5792	45.398	ug/l	92
51) 4-Methyl-2-Pentanone	10.08	43	93479	11.296	ug/l	99
52) Toluene	10.25	92	19851	2.156	ug/l	97
53) t-1,3-Dichloropropene	10.47	75	11619	2.077	ug/l	94
54) cis-1,3-Dichloropropene	9.94	75	12965	2.142	ug/l #	84
55) 1,1,2-Trichloroethane	10.65	97	8107	2.233	ug/l #	85
56) Ethyl methacrylate	10.52	69	13663	2.138	ug/l	95
57) 1,3-Dichloropropane	10.80	76	13510	2.180	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.79	63	31934	11.209	ug/l	96
59) 2-Hexanone	10.84	43	75170	10.718	ug/l	97
60) Dibromochloromethane	10.99	129	8421	2.194	ug/l	98
61) 1,2-Dibromoethane	11.10	107	8760	2.272	ug/l	99
64) Tetrachloroethene	10.72	164	10205	2.738	ug/l	84
65) Chlorobenzene	11.52	112	22433	2.374	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.60	131	8116	2.403	ug/l	97
67) Ethyl Benzene	11.60	91	39132	2.317	ug/l	93
68) m/p-Xylenes	11.70	106	30840	4.785	ug/l	95
69) o-Xylene	12.03	106	15345	2.471	ug/l	88
70) Styrene	12.05	104	23187	2.168	ug/l	97
71) Bromoform	12.21	173	6554	2.351	ug/l #	98
73) Isopropylbenzene	12.33	105	38268	2.357	ug/l	99
74) N-amyl acetate	12.14	43	14194	1.836	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.58	83	13273	2.396	ug/l	100
76) 1,2,3-Trichloropropane	12.64	75	12544m	2.480	ug/l	
77) Bromobenzene	12.61	156	9334	2.452	ug/l	88
78) n-propylbenzene	12.67	91	42437	2.238	ug/l	98
79) 2-Chlorotoluene	12.76	91	24641	2.257	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	30822	2.275	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.38	75	4488	1.831	ug/l #	84
82) 4-Chlorotoluene	12.86	91	25908	2.343	ug/l	99
83) tert-Butylbenzene	13.08	119	26891	2.284	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	30501	2.254	ug/l	100
85) sec-Butylbenzene	13.25	105	37443	2.307	ug/l	100
86) p-Isopropyltoluene	13.37	119	31803	2.228	ug/l	100
87) 1,3-Dichlorobenzene	13.36	146	16833	2.440	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	17992	2.503	ug/l	90
89) n-Butylbenzene	13.69	91	29922	2.225	ug/l	94
90) Hexachloroethane	13.96	117	6480	2.400	ug/l	94
91) 1,2-Dichlorobenzene	13.74	146	16809	2.407	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	4031	2.330	ug/l	98

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93) 1,2,4-Trichlorobenzene	15.01	180	11530	2.432	ug/l	94
94) Hexachlorobutadiene	15.11	225	5458	2.409	ug/l	91
95) Naphthalene	15.23	128	39349	2.206	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	11073	2.428	ug/l	95

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

