

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100319\
 Data File : VY000182.D
 Acq On : 03 Oct 2019 12:36
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/7/2019 12:50:37 PM

Quant Time: Oct 04 05:44:15 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 04 05:30:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	421622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	637893	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	567348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	279761	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	0.00	65	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
35) Dibromofluoromethane	0.00	113	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
50) Toluene-d8	0.00	98	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
62) 4-Bromofluorobenzene	0.00	95	0d	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.90	85	3214	1.145 ug/l	83
3) Chloromethane	2.12	50	4761	1.637 ug/l	92
4) Vinyl Chloride	2.25	62	3958	1.255 ug/l #	77
6) Chloroethane	2.80	64	2784	1.267 ug/l #	86
7) Trichlorofluoromethane	3.13	101	5557	1.104 ug/l	91
8) Diethyl Ether	3.54	74	2679	1.202 ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.90	101	3414	1.073 ug/l #	66
12) 1,1-Dichloroethene	3.87	96	3828	1.279 ug/l #	74
14) Allyl chloride	4.48	41	4794	1.150 ug/l	95
15) Acrylonitrile	5.18	53	16524	4.870 ug/l	96
16) Acetone	3.96	43	16702	5.932 ug/l #	83
17) Carbon Disulfide	4.20	76	9337	1.549 ug/l #	81
18) Methyl Acetate	4.49	43	7479	0.951 ug/l	92
19) Methyl tert-butyl Ether	5.23	73	11827	0.979 ug/l	98
20) Methylene Chloride	4.72	84	4848	1.315 ug/l #	79
21) trans-1,2-Dichloroethene	5.22	96	4367	1.353 ug/l #	81
22) Diisopropyl ether	6.13	45	9906	0.896 ug/l #	86
23) Vinyl Acetate	6.07	43	44806	4.713 ug/l #	88
24) 1,1-Dichloroethane	6.02	63	6324	1.069 ug/l #	86
25) 2-Butanone	7.00	43	23935	4.782 ug/l #	87
26) 2,2-Dichloropropane	6.99	77	8499	1.477 ug/l	83
27) cis-1,2-Dichloroethene	6.99	96	4407	1.038 ug/l	71
28) Bromochloromethane	7.33	49	2221	0.954 ug/l #	81
29) Tetrahydrofuran	7.36	42	15576	4.664 ug/l	92
30) Chloroform	7.52	83	7515	1.109 ug/l #	75
32) 1,1,1-Trichloroethane	7.71	97	6217	1.075 ug/l #	45
36) 1,1-Dichloropropene	7.93	75	5501	1.317 ug/l	99
37) Ethyl Acetate	7.08	43	8980	1.150 ug/l #	95
38) Carbon Tetrachloride	7.90	117	5366	1.048 ug/l #	85
39) Methylcyclohexane	9.19	83	6030	1.223 ug/l	95
40) Benzene	8.17	78	15263	1.102 ug/l	93
41) Methacrylonitrile	7.33	41	3754m	1.014 ug/l	
42) 1,2-Dichloroethane	8.24	62	4649	0.965 ug/l	98
43) Isopropyl Acetate	8.28	43	10381	0.986 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.94	130	4650	1.075	ug/l	80
45) 1,2-Dichloropropane	9.23	63	3901	1.098	ug/l	91
46) Dibromomethane	9.30	93	2939	1.111	ug/l	98
47) Bromodichloromethane	9.50	83	4917	0.910	ug/l #	78
48) Methyl methacrylate	9.30	41	4413	0.941	ug/l	93
49) 1,4-Dioxane	9.31	88	2913	19.916	ug/l #	93
51) 4-Methyl-2-Pentanone	10.08	43	35233	4.243	ug/l	99
52) Toluene	10.25	92	10145	1.107	ug/l	98
53) t-1,3-Dichloropropene	10.47	75	5741	0.968	ug/l	92
54) cis-1,3-Dichloropropene	9.93	75	6517	1.053	ug/l #	87
55) 1,1,2-Trichloroethane	10.66	97	3631	0.862	ug/l #	87
56) Ethyl methacrylate	10.52	69	5966	0.912	ug/l	98
57) 1,3-Dichloropropane	10.80	76	6548	0.998	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.78	63	15221	4.562	ug/l	95
59) 2-Hexanone	10.84	43	29575	4.228	ug/l	98
60) Dibromochloromethane	10.99	129	4532	0.935	ug/l	89
61) 1,2-Dibromoethane	11.09	107	4274	1.000	ug/l	96
64) Tetrachloroethene	10.72	164	4708	1.065	ug/l	93
65) Chlorobenzene	11.52	112	10978	1.020	ug/l #	83
66) 1,1,1,2-Tetrachloroethane	11.59	131	4136	0.932	ug/l #	66
67) Ethyl Benzene	11.59	91	18085	1.007	ug/l	99
68) m/p-Xylenes	11.70	106	15266	2.143	ug/l	92
69) o-Xylene	12.03	106	7015	0.983	ug/l	94
70) Styrene	12.05	104	11115	0.904	ug/l	93
71) Bromoform	12.21	173	3647	0.892	ug/l #	98
73) Isopropylbenzene	12.33	105	18259	0.988	ug/l	98
74) N-amyl acetate	12.14	43	6044	0.743	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.58	83	5639	0.860	ug/l	87
76) 1,2,3-Trichloropropane	12.63	75	4211m	0.858	ug/l	
77) Bromobenzene	12.61	156	4951	0.973	ug/l	94
78) n-propylbenzene	12.67	91	19362	0.937	ug/l	99
79) 2-Chlorotoluene	12.75	91	11042	0.907	ug/l	97
80) 1,3,5-Trimethylbenzene	12.81	105	15144	0.977	ug/l	99
82) 4-Chlorotoluene	12.86	91	11941	0.921	ug/l	96
83) tert-Butylbenzene	13.08	119	13317	0.943	ug/l	96
84) 1,2,4-Trimethylbenzene	13.12	105	13975	0.908	ug/l	99
85) sec-Butylbenzene	13.25	105	18075	0.956	ug/l	99
86) p-Isopropyltoluene	13.37	119	15763	0.909	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	9392	1.022	ug/l	99
88) 1,4-Dichlorobenzene	13.45	146	8989m	0.940	ug/l	
89) n-Butylbenzene	13.70	91	13631	0.895	ug/l	97
90) Hexachloroethane	13.95	117	2726	0.793	ug/l	93
91) 1,2-Dichlorobenzene	13.74	146	8821	0.945	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.36	75	2157	0.980	ug/l	84
93) 1,2,4-Trichlorobenzene	15.01	180	5748	0.841	ug/l	99
94) Hexachlorobutadiene	15.11	225	3038	0.957	ug/l	91
95) Naphthalene	15.23	128	20881	0.866	ug/l	98
96) 1,2,3-Trichlorobenzene	15.42	180	5692	0.842	ug/l	91

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

