

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY100819\
 Data File : VY000218.D
 Acq On : 08 Oct 2019 12:37
 Operator : SY/MD
 Sample : VSTDIC001
 Misc : 5.0ml/MSVOA Y/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 12:52:17 AM

Quant Time: Oct 09 08:38:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 08 14:14:03 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	270628	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.70	114	442784	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	381976	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	178710	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	2524	1.225 ug/l	85
3) Chloromethane	2.12	50	3954	1.579 ug/l	92
4) Vinyl Chloride	2.25	62	3675	1.352 ug/l #	87
6) Chloroethane	2.80	64	2117	1.212 ug/l #	81
7) Trichlorofluoromethane	3.12	101	4841	1.263 ug/l #	81
8) Diethyl Ether	3.54	74	2521	1.694 ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.91	101	2782	1.233 ug/l #	72
12) 1,1-Dichloroethene	3.88	96	2704	1.169 ug/l #	77
14) Allyl chloride	4.48	41	4825	1.400 ug/l #	84
15) Acrylonitrile	5.18	53	15443	7.208 ug/l	98
16) Acetone	3.96	43	13067	7.638 ug/l	91
17) Carbon Disulfide	4.20	76	8650	1.363 ug/l #	88
18) Methyl Acetate	4.49	43	6661	1.424 ug/l	94
19) Methyl tert-butyl Ether	5.23	73	9890	1.326 ug/l	94
20) Methylene Chloride	4.72	84	4106	1.548 ug/l #	91
21) trans-1,2-Dichloroethene	5.21	96	3255	1.353 ug/l #	75
22) Diisopropyl ether	6.13	45	10196	1.487 ug/l #	89
23) Vinyl Acetate	6.07	43	42593	6.667 ug/l	96
24) 1,1-Dichloroethane	6.01	63	5689m	1.458 ug/l	
25) 2-Butanone	7.00	43	21685	7.037 ug/l	90
26) 2,2-Dichloropropane	6.99	77	5739	1.491 ug/l	89
27) cis-1,2-Dichloroethene	7.00	96	3901	1.361 ug/l	96
28) Bromochloromethane	7.35	49	1702	1.529 ug/l #	91
29) Tetrahydrofuran	7.37	42	16125	7.549 ug/l	90
30) Chloroform	7.52	83	6371	1.448 ug/l	99
32) 1,1,1-Trichloroethane	7.72	97	4856	1.257 ug/l #	47
36) 1,1-Dichloropropene	7.93	75	4581	1.290 ug/l	94
37) Ethyl Acetate	7.09	43	8031	1.442 ug/l #	92
38) Carbon Tetrachloride	7.91	117	4059	1.063 ug/l	92
39) Methylcyclohexane	9.19	83	5282	1.118 ug/l	88
40) Benzene	8.17	78	12550	1.180 ug/l	97
41) Methacrylonitrile	7.35	41	5522m	0.795 ug/l	
42) 1,2-Dichloroethane	8.25	62	3823	1.106 ug/l	99
43) Isopropyl Acetate	8.28	43	8940	1.239 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.94	130	3578	1.048	ug/l	78
45) 1,2-Dichloropropane	9.23	63	2948	1.137	ug/l	99
46) Dibromomethane	9.31	93	2278	1.182	ug/l #	85
47) Bromodichloromethane	9.50	83	4213	1.152	ug/l #	80
48) Methyl methacrylate	9.30	41	4305	1.389	ug/l	87
49) 1,4-Dioxane	9.30	88	2202	22.674	ug/l #	62
51) 4-Methyl-2-Pentanone	10.08	43	33390	6.259	ug/l	93
52) Toluene	10.25	92	8433	1.211	ug/l	85
53) t-1,3-Dichloropropene	10.47	75	4244	1.033	ug/l	96
54) cis-1,3-Dichloropropene	9.93	75	5369	1.221	ug/l #	71
55) 1,1,2-Trichloroethane	10.65	97	3041	1.064	ug/l	94
56) Ethyl methacrylate	10.52	69	5112	1.176	ug/l #	85
57) 1,3-Dichloropropane	10.80	76	5493	1.210	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.79	63	8800	3.559	ug/l	94
59) 2-Hexanone	10.83	43	27282	6.015	ug/l	95
60) Dibromochloromethane	10.99	129	3311	1.038	ug/l	94
61) 1,2-Dibromoethane	11.09	107	3252	1.050	ug/l	97
64) Tetrachloroethene	10.72	164	3801	1.120	ug/l	95
65) Chlorobenzene	11.52	112	9253	1.244	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.60	131	2870	1.029	ug/l #	61
67) Ethyl Benzene	11.59	91	14518	1.130	ug/l #	88
68) m/p-Xylenes	11.70	106	10932	2.159	ug/l	92
69) o-Xylene	12.03	106	5355	1.074	ug/l	87
70) Styrene	12.04	104	9176	1.112	ug/l	98
71) Bromoform	12.20	173	2083	0.847	ug/l #	93
73) Isopropylbenzene	12.33	105	14087	1.182	ug/l	99
74) N-amyl acetate	12.14	43	5049	1.094	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.58	83	4582	1.209	ug/l	94
76) 1,2,3-Trichloropropane	12.63	75	3957m	0.768	ug/l	
77) Bromobenzene	12.61	156	3599	1.151	ug/l	83
78) n-propylbenzene	12.67	91	15672	1.155	ug/l	98
79) 2-Chlorotoluene	12.75	91	9933	1.294	ug/l	89
80) 1,3,5-Trimethylbenzene	12.81	105	11423	1.140	ug/l	89
82) 4-Chlorotoluene	12.86	91	8883	1.132	ug/l	93
83) tert-Butylbenzene	13.07	119	10778	1.190	ug/l	92
84) 1,2,4-Trimethylbenzene	13.12	105	11402	1.147	ug/l	98
85) sec-Butylbenzene	13.25	105	13865	1.130	ug/l	97
86) p-Isopropyltoluene	13.37	119	11551	1.036	ug/l	97
87) 1,3-Dichlorobenzene	13.36	146	5493	0.954	ug/l	82
88) 1,4-Dichlorobenzene	13.44	146	7073m	1.219	ug/l	
89) n-Butylbenzene	13.69	91	10454	1.068	ug/l	97
90) Hexachloroethane	13.95	117	2157	1.028	ug/l	96
91) 1,2-Dichlorobenzene	13.73	146	6596	1.179	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.36	75	1212	0.981	ug/l	92
93) 1,2,4-Trichlorobenzene	15.01	180	4477	1.113	ug/l	89
94) Hexachlorobutadiene	15.11	225	2183	1.015	ug/l	93
95) Naphthalene	15.23	128	15002	1.103	ug/l	97
96) 1,2,3-Trichlorobenzene	15.42	180	3887	0.968	ug/l	97

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

