

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092319\
 Data File : VX012594.D
 Acq On : 23 Sep 2019 10:09
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 9/24/2019 10:07:37 AM

Quant Time: Sep 23 12:05:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 11:56:45 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	205158	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	354701	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	313378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	132595	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	1.19	85	2628	1.928	ug/l	98
3) Chloromethane	1.32	50	3045	2.261	ug/l #	87
4) Vinyl Chloride	1.40	62	2705	1.902	ug/l	98
6) Chloroethane	1.72	64	1899	1.736	ug/l #	75
7) Trichlorofluoromethane	1.92	101	4028	1.669	ug/l	97
8) Diethyl Ether	2.17	74	1716	1.599	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2383	1.403	ug/l	96
12) 1,1-Dichloroethene	2.36	96	2041	1.429	ug/l #	67
14) Allyl chloride	2.72	41	4179	1.313	ug/l #	84
15) Acrylonitrile	3.13	53	7392	5.684	ug/l	97
16) Acetone	2.43	43	7958	5.267	ug/l	97
17) Carbon Disulfide	2.56	76	6430	2.821	ug/l	95
18) Methyl Acetate	2.76	43	4121	1.319	ug/l	92
19) Methyl tert-butyl Ether	3.19	73	8413	1.171	ug/l	94
20) Methylene Chloride	2.84	84	3092	1.627	ug/l	92
21) trans-1,2-Dichloroethene	3.15	96	2555	1.708	ug/l	95
22) Diisopropyl ether	3.84	45	8914	1.240	ug/l	95
23) Vinyl Acetate	3.80	43	35268	5.903	ug/l	96
24) 1,1-Dichloroethane	3.68	63	4807	1.366	ug/l	97
25) 2-Butanone	4.67	43	11182	5.415	ug/l	99
26) 2,2-Dichloropropane	4.56	77	4364	1.284	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	3124	1.478	ug/l	96
28) Bromochloromethane	4.98	49	1843m	1.067	ug/l	
29) Tetrahydrofuran	5.12	42	6586	5.703	ug/l	96
30) Chloroform	5.18	83	5129	1.297	ug/l	86
32) 1,1,1-Trichloroethane	5.47	97	4233	1.267	ug/l #	48
36) 1,1-Dichloropropene	5.79	75	3723	1.615	ug/l	97
37) Ethyl Acetate	4.82	43	3900	1.166	ug/l #	94
38) Carbon Tetrachloride	5.77	117	3495	1.263	ug/l #	91
39) Methylcyclohexane	7.46	83	4575	1.948	ug/l #	82
40) Benzene	6.13	78	10825	1.493	ug/l	96
41) Methacrylonitrile	5.03	41	2443	1.150	ug/l	97
42) 1,2-Dichloroethane	6.19	62	3991	1.231	ug/l	92
43) Isopropyl Acetate	6.44	43	7076	1.189	ug/l	95

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44) Trichloroethene	7.20	130	2733	1.450	ug/l	86
45) 1,2-Dichloropropane	7.51	63	2696	1.252	ug/l	96
46) Dibromomethane	7.65	93	1961	1.398	ug/l	88
47) Bromodichloromethane	7.89	83	3509	1.146	ug/l	93
48) Methyl methacrylate	7.76	41	3131	1.110	ug/l #	92
49) 1,4-Dioxane	7.74	88	1315	19.210	ug/l #	81
51) 4-Methyl-2-Pentanone	8.64	43	20305	5.251	ug/l	98
52) Toluene	8.78	92	6631	1.428	ug/l	91
53) t-1,3-Dichloropropene	9.03	75	3620	1.126	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	4095	1.218	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	2548	1.114	ug/l	87
56) Ethyl methacrylate	9.17	69	3856	1.066	ug/l	89
57) 1,3-Dichloropropane	9.36	76	4640	1.257	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	7957	4.300	ug/l	100
59) 2-Hexanone	9.48	43	14336	4.746	ug/l	96
60) Dibromochloromethane	9.57	129	2316	1.000	ug/l	97
61) 1,2-Dibromoethane	9.67	107	2556	1.203	ug/l	99
64) Tetrachloroethene	9.32	164	2509	1.642	ug/l	89
65) Chlorobenzene	10.14	112	7182	1.347	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.21	131	2413	1.122	ug/l #	65
67) Ethyl Benzene	10.25	91	12341	1.337	ug/l	97
68) m/p-Xylenes	10.36	106	9532	2.820	ug/l	95
69) o-Xylene	10.70	106	4404	1.284	ug/l	96
70) Styrene	10.71	104	6579	1.092	ug/l	97
71) Bromoform	10.85	173	1376	0.867	ug/l #	93
73) Isopropylbenzene	11.01	105	11671	1.363	ug/l	99
74) N-amyl acetate	10.89	43	5036	1.114	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.26	83	3774	1.155	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	3718m	1.212	ug/l	
77) Bromobenzene	11.25	156	2610	1.266	ug/l	96
78) n-propylbenzene	11.35	91	12964	1.358	ug/l	99
79) 2-Chlorotoluene	11.42	91	8642	1.397	ug/l	95
80) 1,3,5-Trimethylbenzene	11.50	105	9397	1.291	ug/l	99
82) 4-Chlorotoluene	11.51	91	9233	1.302	ug/l	98
83) tert-Butylbenzene	11.77	119	9335	1.219	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	9424	1.263	ug/l	96
85) sec-Butylbenzene	11.94	105	10570	1.241	ug/l	98
86) p-Isopropyltoluene	12.06	119	8957	1.147	ug/l	90
87) 1,3-Dichlorobenzene	12.02	146	4449	1.154	ug/l	91
88) 1,4-Dichlorobenzene	12.09	146	4744m	1.200	ug/l	
89) n-Butylbenzene	12.39	91	8264	1.188	ug/l	96
90) Hexachloroethane	12.59	117	1664	1.174	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	4732	1.184	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	879	1.042	ug/l	88
93) 1,2,4-Trichlorobenzene	13.64	180	2777	1.095	ug/l	98
94) Hexachlorobutadiene	13.78	225	1282	1.081	ug/l	92
95) Naphthalene	13.83	128	8749	0.962	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	2730	1.055	ug/l	94

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

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