

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX052819\
 Data File : VX009910.D
 Acq On : 28 May 2019 12:40
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/29/2019 9:25:04 AM

Quant Time: May 29 04:02:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052819W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 29 03:39:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	167665	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	271630	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	242469	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	109394	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	1.20	85	1834	1.098 ug/l	81
3) Chloromethane	1.33	50	3098	1.399 ug/l	93
4) Vinyl Chloride	1.41	62	2648	1.239 ug/l	99
6) Chloroethane	1.73	64	1714	1.270 ug/l	95
7) Trichlorofluoromethane	1.93	101	3017	1.180 ug/l	96
8) Diethyl Ether	2.19	74	1457	1.218 ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	1971	1.242 ug/l	97
12) 1,1-Dichloroethene	2.37	96	1903	1.198 ug/l	89
14) Allyl chloride	2.73	41	4181	1.073 ug/l	98
15) Acrylonitrile	3.15	53	7739	5.910 ug/l	97
16) Acetone	2.45	43	7346	5.872 ug/l	97
17) Carbon Disulfide	2.57	76	8068	1.785 ug/l #	95
18) Methyl Acetate	2.78	43	4026	1.366 ug/l	94
19) Methyl tert-butyl Ether	3.20	73	6546	1.066 ug/l	99
20) Methylene Chloride	2.86	84	2407	1.202 ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	2339	1.361 ug/l	96
22) Diisopropyl ether	3.85	45	7753	1.040 ug/l #	83
23) Vinyl Acetate	3.82	43	33980	5.300 ug/l	96
24) 1,1-Dichloroethane	3.70	63	4020	1.096 ug/l #	91
25) 2-Butanone	4.68	43	10739	5.536 ug/l	98
26) 2,2-Dichloropropane	4.59	77	2925	1.070 ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	2666	1.304 ug/l	97
28) Bromochloromethane	5.01	49	2521	1.517 ug/l #	22
29) Tetrahydrofuran	5.14	42	6960	5.588 ug/l	98
30) Chloroform	5.21	83	3600	1.088 ug/l	87
32) 1,1,1-Trichloroethane	5.49	97	2737	0.991 ug/l #	46
36) 1,1-Dichloropropene	5.81	75	3376	1.321 ug/l	94
37) Ethyl Acetate	4.85	43	3666	1.023 ug/l #	85
38) Carbon Tetrachloride	5.79	117	2454	1.058 ug/l #	80
39) Methylcyclohexane	7.46	83	3511	1.115 ug/l	90
40) Benzene	6.15	78	8382	1.063 ug/l #	87
41) Methacrylonitrile	5.06	41	2499	1.178 ug/l #	60
42) 1,2-Dichloroethane	6.20	62	3312	1.166 ug/l	98
43) Isopropyl Acetate	6.45	43	6261	1.096 ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	2383	1.251	ug/l	85
45) 1,2-Dichloropropane	7.51	63	2508	1.123	ug/l	98
46) Dibromomethane	7.66	93	1694	1.307	ug/l	90
47) Bromodichloromethane	7.90	83	2541	0.985	ug/l #	93
48) Methyl methacrylate	7.77	41	2852	1.003	ug/l	92
49) 1,4-Dioxane	7.74	88	1179	20.721	ug/l #	69
51) 4-Methyl-2-Pentanone	8.64	43	20047	5.355	ug/l	95
52) Toluene	8.79	92	5098	1.063	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	3078	1.048	ug/l	91
54) cis-1,3-Dichloropropene	8.43	75	3290	1.016	ug/l	95
55) 1,1,2-Trichloroethane	9.21	97	2077	1.067	ug/l	96
56) Ethyl methacrylate	9.18	69	3070	0.877	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	3714	1.079	ug/l	95
58) 2-Chloroethyl Vinyl ether	8.31	63	8344	4.541	ug/l	99
59) 2-Hexanone	9.49	43	14217	4.840	ug/l	97
60) Dibromochloromethane	9.58	129	1746	0.915	ug/l	90
61) 1,2-Dibromoethane	9.67	107	2085	1.059	ug/l	99
64) Tetrachloroethene	9.34	164	1895	1.131	ug/l	92
65) Chlorobenzene	10.14	112	5586	1.145	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.22	131	1646	0.931	ug/l #	65
67) Ethyl Benzene	10.25	91	8938	0.995	ug/l	100
68) m/p-Xylenes	10.36	106	6691	2.036	ug/l	96
69) o-Xylene	10.70	106	3150	0.972	ug/l	99
70) Styrene	10.71	104	5394	0.960	ug/l	98
71) Bromoform	10.85	173	1189	0.827	ug/l #	96
73) Isopropylbenzene	11.02	105	8495	1.061	ug/l	99
74) N-amyl acetate	10.90	43	4478	0.956	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	3238	1.090	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	2813m	1.101	ug/l	
77) Bromobenzene	11.26	156	2491	1.255	ug/l	87
78) n-propylbenzene	11.36	91	9426	1.029	ug/l	98
79) 2-Chlorotoluene	11.42	91	6130	1.084	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	6649	0.985	ug/l	94
82) 4-Chlorotoluene	11.51	91	7236	1.132	ug/l	99
83) tert-Butylbenzene	11.77	119	6324	0.965	ug/l	95
84) 1,2,4-Trimethylbenzene	11.80	105	6889	1.017	ug/l	97
85) sec-Butylbenzene	11.94	105	7846	1.010	ug/l	99
86) p-Isopropyltoluene	12.06	119	6555	0.937	ug/l	87
87) 1,3-Dichlorobenzene	12.02	146	4261	1.205	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	4602m	1.290	ug/l	
89) n-Butylbenzene	12.38	91	6682	1.052	ug/l	98
90) Hexachloroethane	12.60	117	1117	0.939	ug/l	92
91) 1,2-Dichlorobenzene	12.39	146	3991	1.112	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	769	1.155	ug/l	88
93) 1,2,4-Trichlorobenzene	13.65	180	2994	1.216	ug/l	95
94) Hexachlorobutadiene	13.79	225	1534	1.217	ug/l	97
95) Naphthalene	13.83	128	8300	1.044	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	3012	1.210	ug/l	96

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

