

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071619\
 Data File : VX010899.D
 Acq On : 16 Jul 2019 09:43
 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
 7/17/2019 10:44:52 AM

Quant Time: Jul 17 04:16:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 17 04:02:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	295349	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	437898	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	384787	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	191226	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	2011	0.895 ug/l	99
3) Chloromethane	1.33	50	2902	1.180 ug/l	89
4) Vinyl Chloride	1.41	62	2543	0.946 ug/l	97
6) Chloroethane	1.73	64	1894	1.185 ug/l	90
7) Trichlorofluoromethane	1.93	101	4511	1.059 ug/l	95
8) Diethyl Ether	2.19	74	1823	1.210 ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	2843	1.114 ug/l	94
12) 1,1-Dichloroethene	2.37	96	2658	1.028 ug/l	88
14) Allyl chloride	2.72	41	3646	0.996 ug/l #	88
15) Acrylonitrile	3.14	53	7844	5.459 ug/l	97
16) Acetone	2.44	43	7443	5.397 ug/l	94
17) Carbon Disulfide	2.57	76	6509	0.944 ug/l	97
18) Methyl Acetate	2.78	43	3905	1.390 ug/l	94
19) Methyl tert-butyl Ether	3.19	73	8743	1.079 ug/l	94
20) Methylene Chloride	2.85	84	3428	1.193 ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	2970	1.073 ug/l	86
22) Diisopropyl ether	3.85	45	8326	1.086 ug/l #	82
23) Vinyl Acetate	3.82	43	30067	4.547 ug/l	96
24) 1,1-Dichloroethane	3.69	63	5006	1.132 ug/l #	92
25) 2-Butanone	4.67	43	9390	4.625 ug/l	96
26) 2,2-Dichloropropane	4.57	77	4010	1.048 ug/l	96
27) cis-1,2-Dichloroethene	4.59	96	3289	1.035 ug/l	94
28) Bromochloromethane	5.01	49	2590	1.226 ug/l #	94
29) Tetrahydrofuran	5.13	42	6439	5.094 ug/l	98
30) Chloroform	5.21	83	5529	1.160 ug/l	93
32) 1,1,1-Trichloroethane	5.48	97	4430	1.053 ug/l #	47
36) 1,1-Dichloropropene	5.80	75	3662	1.044 ug/l	90
37) Ethyl Acetate	4.85	43	3302	0.918 ug/l #	89
38) Carbon Tetrachloride	5.78	117	3610	0.959 ug/l	97
39) Methylcyclohexane	7.46	83	4507	0.981 ug/l	92
40) Benzene	6.15	78	11350	1.046 ug/l	99
41) Methacrylonitrile	5.04	41	2434	1.240 ug/l #	88
42) 1,2-Dichloroethane	6.20	62	4097	1.223 ug/l	98
43) Isopropyl Acetate	6.44	43	6032	1.017 ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.21	130	3478	1.074	ug/l	97
45) 1,2-Dichloropropane	7.51	63	2892	1.054	ug/l	96
46) Dibromomethane	7.66	93	1957	0.994	ug/l	92
47) Bromodichloromethane	7.89	83	3303	0.920	ug/l #	84
48) Methyl methacrylate	7.77	41	3047	1.102	ug/l	89
49) 1,4-Dioxane	7.74	88	1774	22.306	ug/l #	77
51) 4-Methyl-2-Pentanone	8.64	43	17822	4.679	ug/l	98
52) Toluene	8.78	92	7345	1.029	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	3213	0.800	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	3714	0.848	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	2978	1.014	ug/l #	88
56) Ethyl methacrylate	9.18	69	3708	0.833	ug/l	91
57) 1,3-Dichloropropane	9.37	76	4757	1.039	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.31	63	8423	3.999	ug/l	99
59) 2-Hexanone	9.49	43	13264	4.425	ug/l	95
60) Dibromochloromethane	9.58	129	2347	0.718	ug/l	92
61) 1,2-Dibromoethane	9.67	107	2843	0.895	ug/l	95
64) Tetrachloroethene	9.34	164	3537	1.141	ug/l #	87
65) Chlorobenzene	10.13	112	8694	1.115	ug/l #	85
66) 1,1,1,2-Tetrachloroethane	10.22	131	2611	0.920	ug/l #	63
67) Ethyl Benzene	10.25	91	13747	1.039	ug/l	98
68) m/p-Xylenes	10.35	106	10074	1.969	ug/l	96
69) o-Xylene	10.69	106	5053	1.003	ug/l	97
70) Styrene	10.71	104	7569	0.896	ug/l	96
71) Bromoform	10.85	173	1835	0.756	ug/l #	93
73) Isopropylbenzene	11.01	105	12775	0.987	ug/l	97
74) N-amyl acetate	10.90	43	4557	0.930	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.26	83	4388	1.025	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	3482m	1.001	ug/l	
77) Bromobenzene	11.26	156	3990	1.107	ug/l	95
78) n-propylbenzene	11.36	91	13817	0.971	ug/l	100
79) 2-Chlorotoluene	11.42	91	8982	1.058	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	10735	1.004	ug/l	99
82) 4-Chlorotoluene	11.51	91	10053	1.040	ug/l	99
83) tert-Butylbenzene	11.77	119	10218	0.954	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	10545	0.983	ug/l	99
85) sec-Butylbenzene	11.94	105	11780	0.937	ug/l	96
86) p-Isopropyltoluene	12.06	119	10695	0.920	ug/l	92
87) 1,3-Dichlorobenzene	12.02	146	6355	1.008	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	7002m	1.090	ug/l	
89) n-Butylbenzene	12.38	91	8851	0.894	ug/l	98
90) Hexachloroethane	12.59	117	1696	0.860	ug/l	82
91) 1,2-Dichlorobenzene	12.39	146	6183	0.986	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	12.99	75	875	0.944	ug/l	80
93) 1,2,4-Trichlorobenzene	13.64	180	3945	0.911	ug/l	95
94) Hexachlorobutadiene	13.78	225	2129	1.007	ug/l	95
95) Naphthalene	13.83	128	10725	0.811	ug/l	98
96) 1,2,3-Trichlorobenzene	14.02	180	4098	0.954	ug/l	96

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

