

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080119\
 Data File : VX011259.D
 Acq On : 01 Aug 2019 14:58
 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
 8/2/2019 9:06:47 AM

Quant Time: Aug 02 01:35:43 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:21:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	186407	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	269060	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	240456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119050	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	1689	1.025 ug/l	92
3) Chloromethane	1.32	50	1887	1.116 ug/l	100
4) Vinyl Chloride	1.40	62	1940	1.113 ug/l	94
6) Chloroethane	1.72	64	1681	1.494 ug/l #	81
7) Trichlorofluoromethane	1.93	101	3121	1.040 ug/l	96
8) Diethyl Ether	2.18	74	1324	1.277 ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	1788	1.053 ug/l	96
12) 1,1-Dichloroethene	2.37	96	1953	1.176 ug/l	96
14) Allyl chloride	2.71	41	2118	0.879 ug/l	89
15) Acrylonitrile	3.14	53	4272	4.563 ug/l	92
16) Acetone	2.43	43	5202	5.804 ug/l	98
17) Carbon Disulfide	2.56	76	4045	0.957 ug/l #	81
18) Methyl Acetate	2.76	43	2281	1.105 ug/l #	86
19) Methyl tert-butyl Ether	3.18	73	5010	0.938 ug/l #	91
20) Methylene Chloride	2.85	84	2426	1.271 ug/l #	95
21) trans-1,2-Dichloroethene	3.15	96	1917	1.079 ug/l	89
22) Diisopropyl ether	3.85	45	5198	1.021 ug/l #	93
23) Vinyl Acetate	3.81	43	17493	4.053 ug/l	98
24) 1,1-Dichloroethane	3.68	63	3121	1.051 ug/l #	88
25) 2-Butanone	4.67	43	6227	4.827 ug/l	98
26) 2,2-Dichloropropane	4.58	77	2222m	0.918 ug/l	
27) cis-1,2-Dichloroethene	4.59	96	2271	1.107 ug/l	98
28) Bromochloromethane	5.01	49	1652	1.194 ug/l #	63
29) Tetrahydrofuran	5.13	42	3879	4.755 ug/l	98
30) Chloroform	5.20	83	3528	1.098 ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	2870	1.036 ug/l #	48
36) 1,1-Dichloropropene	5.79	75	2629	1.176 ug/l	95
37) Ethyl Acetate	4.84	43	2677	1.181 ug/l	97
38) Carbon Tetrachloride	5.76	117	2390	1.028 ug/l #	78
39) Methylcyclohexane	7.46	83	3082	1.080 ug/l #	75
40) Benzene	6.13	78	7089	1.036 ug/l	95
41) Methacrylonitrile	5.04	41	1415m	1.087 ug/l	
42) 1,2-Dichloroethane	6.18	62	2508	1.059 ug/l	94
43) Isopropyl Acetate	6.43	43	4026	1.077 ug/l	97

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44) Trichloroethene	7.21	130	2281	1.124	ug/l	95
45) 1,2-Dichloropropane	7.51	63	2045	1.174	ug/l	99
46) Dibromomethane	7.65	93	1422	1.143	ug/l	92
47) Bromodichloromethane	7.88	83	2176	0.986	ug/l #	80
48) Methyl methacrylate	7.76	41	1601	0.881	ug/l	92
49) 1,4-Dioxane	7.74	88	1201	23.492	ug/l #	69
51) 4-Methyl-2-Pentanone	8.63	43	10954	4.507	ug/l	98
52) Toluene	8.78	92	4554	1.012	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	1690	0.714	ug/l	94
54) cis-1,3-Dichloropropene	8.43	75	2167	0.821	ug/l #	88
55) 1,1,2-Trichloroethane	9.21	97	1881	1.015	ug/l #	85
56) Ethyl methacrylate	9.17	69	2340	0.870	ug/l #	72
57) 1,3-Dichloropropane	9.37	76	3001	1.024	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.31	63	5890	4.568	ug/l	96
59) 2-Hexanone	9.49	43	8069	4.281	ug/l	94
60) Dibromochloromethane	9.58	129	1691	0.904	ug/l	87
61) 1,2-Dibromoethane	9.67	107	1967	1.000	ug/l	93
64) Tetrachloroethene	9.33	164	2333	1.213	ug/l	90
65) Chlorobenzene	10.13	112	5543	1.107	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	1586	0.904	ug/l #	64
67) Ethyl Benzene	10.25	91	8561	1.008	ug/l	93
68) m/p-Xylenes	10.35	106	6370	1.944	ug/l	100
69) o-Xylene	10.69	106	3345	1.050	ug/l	93
70) Styrene	10.71	104	4785	0.899	ug/l	97
71) Bromoform	10.85	173	1014	0.725	ug/l #	92
73) Isopropylbenzene	11.02	105	7814	0.962	ug/l	96
74) N-amyl acetate	10.90	43	2578	0.835	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	11.26	83	2800	1.052	ug/l	95
76) 1,2,3-Trichloropropane	11.29	75	2211m	1.020	ug/l	
77) Bromobenzene	11.25	156	2376	1.059	ug/l	95
78) n-propylbenzene	11.36	91	8402	0.937	ug/l	98
79) 2-Chlorotoluene	11.41	91	5586	1.039	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	6548	0.968	ug/l	98
82) 4-Chlorotoluene	11.51	91	6297	1.005	ug/l	94
83) tert-Butylbenzene	11.77	119	6247	0.938	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	6188	0.905	ug/l	99
85) sec-Butylbenzene	11.94	105	7712	0.986	ug/l	99
86) p-Isopropyltoluene	12.06	119	6820	0.943	ug/l	94
87) 1,3-Dichlorobenzene	12.02	146	3979	1.019	ug/l	93
88) 1,4-Dichlorobenzene	12.09	146	4305m	1.076	ug/l	
89) n-Butylbenzene	12.38	91	5849	0.945	ug/l	99
90) Hexachloroethane	12.59	117	884	0.778	ug/l	94
91) 1,2-Dichlorobenzene	12.39	146	4214	1.088	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	501	0.909	ug/l	76
93) 1,2,4-Trichlorobenzene	13.65	180	2446	0.935	ug/l	96
94) Hexachlorobutadiene	13.78	225	1307	1.004	ug/l	96
95) Naphthalene	13.83	128	6415	0.829	ug/l	97
96) 1,2,3-Trichlorobenzene	14.02	180	2627	1.007	ug/l	99

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

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