

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062320\
 Data File : VX016932.D
 Acq On : 23 Jun 2020 16:08
 Operator : JC/SP
 Sample : VSTDIC001
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 6/24/2020 10:54:29 AM

Quant Time: Jun 24 00:37:06 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062320W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 24 00:31:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	229514	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	458430	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	402644	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	184210	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	1.18	85	2391	0.889	ug/l	92
3) Chloromethane	1.31	50	2807	1.073	ug/l	99
4) Vinyl Chloride	1.39	62	2665	1.027	ug/l #	76
6) Chloroethane	1.72	64	2269	1.236	ug/l	91
7) Trichlorofluoromethane	1.92	101	5100	1.157	ug/l	99
8) Diethyl Ether	2.17	74	2031	1.133	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.37	101	3110	1.285	ug/l	85
12) 1,1-Dichloroethene	2.36	96	2656	1.105	ug/l	91
14) Allyl chloride	2.71	41	6087	1.157	ug/l #	82
15) Acrylonitrile	3.12	53	8423	5.007	ug/l	93
16) Acetone	2.42	43	7828	5.661	ug/l	93
17) Carbon Disulfide	2.55	76	9882	1.323	ug/l	97
18) Methyl Acetate	2.75	43	5200	1.171	ug/l	94
19) Methyl tert-butyl Ether	3.17	73	11196	1.128	ug/l	97
20) Methylene Chloride	2.83	84	4728	1.345	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	3560	1.207	ug/l	96
22) Diisopropyl ether	3.83	45	10237	1.109	ug/l #	82
23) Vinyl Acetate	3.79	43	36195	4.943	ug/l	99
24) 1,1-Dichloroethane	3.67	63	6672	1.274	ug/l #	86
25) 2-Butanone	4.64	43	11871	5.694	ug/l	96
26) 2,2-Dichloropropane	4.54	77	6391	1.411	ug/l	89
27) cis-1,2-Dichloroethene	4.56	96	4582	1.471	ug/l	93
28) Bromochloromethane	4.98	49	3575	1.407	ug/l	99
29) Tetrahydrofuran	5.09	42	7138m	4.786	ug/l	
30) Chloroform	5.18	83	6140	1.080	ug/l #	83
32) 1,1,1-Trichloroethane	5.46	97	5337	1.069	ug/l #	49
36) 1,1-Dichloropropene	5.78	75	4654	0.975	ug/l	99
37) Ethyl Acetate	4.79	43	4941	1.017	ug/l #	85
38) Carbon Tetrachloride	5.74	117	4622	0.948	ug/l #	81
39) Methylcyclohexane	7.44	83	4659	0.949	ug/l	93
40) Benzene	6.11	78	12178	0.943	ug/l	98
41) Methacrylonitrile	4.99	41	2432	0.860	ug/l #	79
42) 1,2-Dichloroethane	6.15	62	5374	1.011	ug/l	90
43) Isopropyl Acetate	6.41	43	8478	0.985	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	4131	1.179	ug/l	96
45) 1,2-Dichloropropane	7.49	63	3417	0.965	ug/l	90
46) Dibromomethane	7.64	93	2268	0.912	ug/l	98
47) Bromodichloromethane	7.88	83	5028	0.973	ug/l	88
48) Methyl methacrylate	7.75	41	3658	0.929	ug/l	96
49) 1,4-Dioxane	7.72	88	1655	18.690	ug/l #	87
51) 4-Methyl-2-Pentanone	8.62	43	19866	4.040	ug/l	99
52) Toluene	8.77	92	7296	0.917	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	5791	0.996	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	5406	0.947	ug/l	93
55) 1,1,2-Trichloroethane	9.20	97	3433	0.982	ug/l	94
56) Ethyl methacrylate	9.16	69	5060	0.934	ug/l #	88
57) 1,3-Dichloropropane	9.35	76	5472	0.913	ug/l	92
58) 2-Chloroethyl Vinyl ether	8.29	63	9456	4.112	ug/l	97
59) 2-Hexanone	9.47	43	12865	3.363	ug/l	96
60) Dibromochloromethane	9.56	129	3385	0.891	ug/l	97
61) 1,2-Dibromoethane	9.65	107	3444	0.936	ug/l	89
64) Tetrachloroethene	9.32	164	2914	1.043	ug/l #	79
65) Chlorobenzene	10.12	112	8932	1.075	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	3443	1.087	ug/l #	62
67) Ethyl Benzene	10.23	91	16139	1.115	ug/l	98
68) m/p-Xylenes	10.34	106	11459	2.130	ug/l	97
69) o-Xylene	10.68	106	4382	0.833	ug/l	96
70) Styrene	10.70	104	6799	0.755	ug/l	87
71) Bromoform	10.84	173	2197	0.920	ug/l #	98
73) Isopropylbenzene	11.00	105	11428	0.813	ug/l	97
74) N-amyl acetate	10.88	43	6327	0.936	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	11.25	83	4718	1.038	ug/l	91
76) 1,2,3-Trichloropropane	11.28	75	4275m	0.963	ug/l	
77) Bromobenzene	11.24	156	3476	1.015	ug/l	98
78) n-propylbenzene	11.34	91	14239	0.898	ug/l	99
79) 2-Chlorotoluene	11.40	91	10177	1.037	ug/l	95
80) 1,3,5-Trimethylbenzene	11.49	105	11516	1.018	ug/l	99
82) 4-Chlorotoluene	11.49	91	13078	1.132	ug/l	98
83) tert-Butylbenzene	11.76	119	9287	0.812	ug/l	95
84) 1,2,4-Trimethylbenzene	11.79	105	10661	0.926	ug/l	98
85) sec-Butylbenzene	11.93	105	12496	0.979	ug/l	100
86) p-Isopropyltoluene	12.05	119	11415	0.957	ug/l	87
87) 1,3-Dichlorobenzene	12.01	146	6907	1.149	ug/l	92
88) 1,4-Dichlorobenzene	12.08	146	7639m	1.238	ug/l	
89) n-Butylbenzene	12.37	91	11610	1.044	ug/l	96
90) Hexachloroethane	12.58	117	2224	0.982	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	6651	1.160	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1605	1.397	ug/l	67
93) 1,2,4-Trichlorobenzene	13.63	180	4573	1.214	ug/l	95
94) Hexachlorobutadiene	13.77	225	1588	1.159	ug/l	95
95) Naphthalene	13.82	128	12903	0.997	ug/l #	95
96) 1,2,3-Trichlorobenzene	14.00	180	4382	1.194	ug/l	96

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

