

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061820\
 Data File : VX016838.D
 Acq On : 18 Jun 2020 10:39
 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
 6/19/2020 12:49:27 PM

Quant Time: Jun 18 12:32:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061820W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 18 12:21:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	295316	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	437689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404744	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	240764	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	2657	0.860	ug/l	100
3) Chloromethane	1.31	50	3701	1.128	ug/l	99
4) Vinyl Chloride	1.39	62	4049	1.123	ug/l	96
6) Chloroethane	1.72	64	2667	1.214	ug/l	90
7) Trichlorofluoromethane	1.92	101	5406	1.060	ug/l	92
8) Diethyl Ether	2.17	74	2425	1.162	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	2.36	101	3224	1.237	ug/l	99
12) 1,1-Dichloroethene	2.36	96	3356	1.131	ug/l	89
14) Allyl chloride	2.70	41	3928	0.873	ug/l	94
15) Acrylonitrile	3.11	53	6674	4.025	ug/l	97
16) Acetone	2.42	43	8292	5.628	ug/l	99
17) Carbon Disulfide	2.55	76	8272	1.002	ug/l	96
18) Methyl Acetate	2.75	43	3239	0.824	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	8424	0.858	ug/l	96
20) Methylene Chloride	2.84	84	3580	1.103	ug/l	90
21) trans-1,2-Dichloroethene	3.14	96	3103	0.998	ug/l	95
22) Diisopropyl ether	3.82	45	7350	0.867	ug/l	94
23) Vinyl Acetate	3.78	43	29144	3.991	ug/l	99
24) 1,1-Dichloroethane	3.67	63	4853	0.914	ug/l	95
25) 2-Butanone	4.62	43	8272	3.737	ug/l	98
26) 2,2-Dichloropropane	4.55	77	4634	0.943	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	3507	0.986	ug/l	89
28) Bromochloromethane	4.98	49	2321	1.028	ug/l	96
29) Tetrahydrofuran	5.09	42	4881	3.407	ug/l	97
30) Chloroform	5.17	83	5143	0.916	ug/l	92
32) 1,1,1-Trichloroethane	5.46	97	4961	0.974	ug/l #	48
36) 1,1-Dichloropropene	5.78	75	4129	1.070	ug/l	95
37) Ethyl Acetate	4.79	43	3671	0.886	ug/l #	91
38) Carbon Tetrachloride	5.74	117	4406	1.005	ug/l	93
39) Methylcyclohexane	7.43	83	4798	1.148	ug/l	97
40) Benzene	6.11	78	11643	0.989	ug/l	97
41) Methacrylonitrile	5.00	41	1900	0.855	ug/l #	90
42) 1,2-Dichloroethane	6.16	62	4239	0.987	ug/l	97
43) Isopropyl Acetate	6.41	43	5559	0.837	ug/l	97

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44) Trichloroethene	7.18	130	3663	0.976	ug/l	93
45) 1,2-Dichloropropane	7.49	63	3608	1.242	ug/l	90
46) Dibromomethane	7.63	93	2336	1.113	ug/l	98
47) Bromodichloromethane	7.87	83	4662	1.066	ug/l	91
48) Methyl methacrylate	7.74	41	3321	1.067	ug/l	89
49) 1,4-Dioxane	7.73	88	1294	16.965	ug/l #	81
51) 4-Methyl-2-Pentanone	8.62	43	16818	4.172	ug/l	96
52) Toluene	8.77	92	8060	1.053	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	4839	0.982	ug/l	91
54) cis-1,3-Dichloropropene	8.42	75	4868	0.944	ug/l	94
55) 1,1,2-Trichloroethane	9.20	97	2796	0.900	ug/l #	88
56) Ethyl methacrylate	9.16	69	3351	0.718	ug/l	92
57) 1,3-Dichloropropane	9.35	76	4634	0.885	ug/l	94
58) 2-Chloroethyl Vinyl ether	8.29	63	6826	3.044	ug/l	98
59) 2-Hexanone	9.48	43	10624	3.434	ug/l	98
60) Dibromochloromethane	9.56	129	3052	0.830	ug/l	96
61) 1,2-Dibromoethane	9.65	107	3039	0.907	ug/l	91
64) Tetrachloroethene	9.31	164	4072	1.060	ug/l	91
65) Chlorobenzene	10.12	112	7824	0.956	ug/l	91
66) 1,1,1,2-Tetrachloroethane	10.21	131	2965	0.918	ug/l #	65
67) Ethyl Benzene	10.23	91	12939	0.943	ug/l	96
68) m/p-Xylenes	10.34	106	9431	1.820	ug/l	97
69) o-Xylene	10.68	106	4486	0.901	ug/l	91
70) Styrene	10.70	104	6556	0.762	ug/l	92
71) Bromoform	10.84	173	2294	0.838	ug/l #	96
73) Isopropylbenzene	11.00	105	11447	0.724	ug/l	98
74) N-amyl acetate	10.88	43	3952	0.651	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	3611	0.780	ug/l	97
76) 1,2,3-Trichloropropane	11.28	75	3591m	0.718	ug/l	
77) Bromobenzene	11.24	156	3408	0.763	ug/l	94
78) n-propylbenzene	11.34	91	12634	0.732	ug/l	99
79) 2-Chlorotoluene	11.40	91	8433	0.774	ug/l	96
80) 1,3,5-Trimethylbenzene	11.49	105	9251	0.694	ug/l	100
82) 4-Chlorotoluene	11.49	91	9248	0.722	ug/l	96
83) tert-Butylbenzene	11.76	119	10087	0.823	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	10158	0.753	ug/l	97
85) sec-Butylbenzene	11.93	105	12635	0.885	ug/l	99
86) p-Isopropyltoluene	12.05	119	10925	0.796	ug/l	91
87) 1,3-Dichlorobenzene	12.01	146	7025	0.924	ug/l	96
88) 1,4-Dichlorobenzene	12.08	146	8019m	1.022	ug/l	
89) n-Butylbenzene	12.37	91	9461	0.832	ug/l	98
90) Hexachloroethane	12.58	117	2091	0.820	ug/l	92
91) 1,2-Dichlorobenzene	12.38	146	6707	0.889	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	12.98	75	867	0.678	ug/l	89
93) 1,2,4-Trichlorobenzene	13.63	180	4322	0.803	ug/l	96
94) Hexachlorobutadiene	13.76	225	2073	0.862	ug/l	99
95) Naphthalene	13.82	128	10934	0.663	ug/l	97
96) 1,2,3-Trichlorobenzene	14.01	180	4028	0.753	ug/l	95

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

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