

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061520\
 Data File : VX016746.D
 Acq On : 15 Jun 2020 11:10
 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
 6/16/2020 3:23:05 PM

Quant Time: Jun 16 01:57:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 15 12:43:50 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	293799	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	429434	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	393907	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	186123	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	2702	0.919	ug/l	94
3) Chloromethane	1.31	50	3387	0.987	ug/l	93
4) Vinyl Chloride	1.39	62	3465	0.950	ug/l	99
6) Chloroethane	1.71	64	2115	0.991	ug/l	98
7) Trichlorofluoromethane	1.92	101	5505	1.129	ug/l	94
8) Diethyl Ether	2.17	74	2035	1.019	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	2767	1.046	ug/l	93
12) 1,1-Dichloroethene	2.36	96	3305	1.178	ug/l	88
14) Allyl chloride	2.71	41	4565	0.910	ug/l	97
15) Acrylonitrile	3.11	53	8113	4.386	ug/l	97
16) Acetone	2.42	43	8499	5.495	ug/l	94
17) Carbon Disulfide	2.55	76	10018	1.211	ug/l	96
18) Methyl Acetate	2.75	43	3689	0.913	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	9340	0.939	ug/l	91
20) Methylene Chloride	2.82	84	3408	1.048	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	3347	1.084	ug/l	96
22) Diisopropyl ether	3.82	45	7581	0.790	ug/l #	87
23) Vinyl Acetate	3.78	43	33310	3.994	ug/l	100
24) 1,1-Dichloroethane	3.67	63	5377	0.977	ug/l #	94
25) 2-Butanone	4.63	43	10374	4.004	ug/l	99
26) 2,2-Dichloropropane	4.55	77	5057	1.090	ug/l	94
27) cis-1,2-Dichloroethene	4.56	96	3796	1.068	ug/l	94
28) Bromochloromethane	4.98	49	2177	0.857	ug/l #	98
29) Tetrahydrofuran	5.09	42	6808	4.074	ug/l	97
30) Chloroform	5.17	83	5556	0.994	ug/l #	83
32) 1,1,1-Trichloroethane	5.46	97	4830	0.948	ug/l #	46
36) 1,1-Dichloropropene	5.77	75	4162	1.035	ug/l	98
37) Ethyl Acetate	4.79	43	4278	0.907	ug/l #	94
38) Carbon Tetrachloride	5.75	117	4647	1.085	ug/l	90
39) Methylcyclohexane	7.43	83	4402	1.004	ug/l	93
40) Benzene	6.11	78	11724	0.981	ug/l	98
41) Methacrylonitrile	5.00	41	2312	0.892	ug/l #	91
42) 1,2-Dichloroethane	6.16	62	4307	1.012	ug/l	96
43) Isopropyl Acetate	6.40	43	6377	0.864	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	7.19	130	3753	0.989	ug/l	90
45) 1,2-Dichloropropane	7.49	63	2790	0.922	ug/l #	89
46) Dibromomethane	7.63	93	2201	1.072	ug/l	91
47) Bromodichloromethane	7.87	83	4513	1.061	ug/l #	83
48) Methyl methacrylate	7.74	41	2853	0.809	ug/l	97
49) 1,4-Dioxane	7.71	88	1541	18.513	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	18151	3.961	ug/l	98
52) Toluene	8.76	92	7412	0.979	ug/l	95
53) t-1,3-Dichloropropene	9.02	75	4639	0.959	ug/l	95
54) cis-1,3-Dichloropropene	8.41	75	4921	0.964	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	2865	0.950	ug/l	90
56) Ethyl methacrylate	9.16	69	3812	0.786	ug/l	93
57) 1,3-Dichloropropane	9.35	76	5173	1.007	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	8412	3.327	ug/l	100
59) 2-Hexanone	9.47	43	13279	3.731	ug/l	98
60) Dibromochloromethane	9.56	129	3333	0.974	ug/l	99
61) 1,2-Dibromoethane	9.65	107	3144	0.969	ug/l	93
64) Tetrachloroethene	9.32	164	4342	1.011	ug/l	96
65) Chlorobenzene	10.12	112	8282	1.040	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.20	131	3264	1.063	ug/l #	66
67) Ethyl Benzene	10.23	91	13677	0.970	ug/l	96
68) m/p-Xylenes	10.34	106	9837	1.872	ug/l	97
69) o-Xylene	10.68	106	4617	0.906	ug/l	94
70) Styrene	10.70	104	7559	0.865	ug/l	98
71) Bromoform	10.84	173	2546	0.985	ug/l #	98
73) Isopropylbenzene	11.00	105	12528	0.982	ug/l	99
74) N-amyl acetate	10.88	43	4158	0.729	ug/l	95
75) 1,1,2,2-Tetrachloroethane	11.25	83	3635	1.124	ug/l	97
76) 1,2,3-Trichloropropane	11.29	75	4278m	1.065	ug/l	
77) Bromobenzene	11.24	156	3650	1.083	ug/l	96
78) n-propylbenzene	11.34	91	13023	0.917	ug/l	99
79) 2-Chlorotoluene	11.40	91	8494	0.979	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	9630	0.904	ug/l	98
82) 4-Chlorotoluene	11.49	91	9727	0.952	ug/l	100
83) tert-Butylbenzene	11.76	119	9257	1.007	ug/l	96
84) 1,2,4-Trimethylbenzene	11.79	105	9628	0.894	ug/l	98
85) sec-Butylbenzene	11.93	105	11011	0.961	ug/l	99
86) p-Isopropyltoluene	12.05	119	10394	0.966	ug/l	88
87) 1,3-Dichlorobenzene	12.01	146	5960	1.023	ug/l	94
88) 1,4-Dichlorobenzene	12.08	146	6659m	1.118	ug/l	
89) n-Butylbenzene	12.37	91	9158	1.026	ug/l	99
90) Hexachloroethane	12.58	117	2044	1.096	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	6439	1.139	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	1052	1.021	ug/l	92
93) 1,2,4-Trichlorobenzene	13.63	180	4766	1.264	ug/l	96
94) Hexachlorobutadiene	13.76	225	2701	1.762	ug/l	99
95) Naphthalene	13.82	128	12515	0.976	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	4545	1.220	ug/l	96

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

