

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN051820\
 Data File : VN061426.D
 Acq On : 18 May 2020 10:50
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 5/19/2020 4:25:22 PM

Quant Time: May 18 13:11:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N051820W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 18 12:26:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	266485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	473621	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	420599	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	172245	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	1.83	85	1857	0.861	ug/l	86
3) Chloromethane	2.03	50	4279	1.016	ug/l	90
4) Vinyl Chloride	2.16	62	5215	0.808	ug/l	90
6) Chloroethane	2.67	64	3764	0.823	ug/l #	87
7) Trichlorofluoromethane	2.97	101	5915	0.747	ug/l	91
8) Diethyl Ether	3.37	74	1806	1.012	ug/l	56
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2367m	0.938	ug/l	
12) 1,1-Dichloroethene	3.70	96	2864	1.060	ug/l #	77
14) Allyl chloride	4.28	41	4195	0.876	ug/l #	83
15) Acrylonitrile	4.93	53	5886	4.468	ug/l #	69
16) Acetone	3.78	43	9077	8.793	ug/l #	84
17) Carbon Disulfide	4.01	76	7420	1.067	ug/l #	92
18) Methyl Acetate	4.27	43	3927m	1.300	ug/l	
19) Methyl tert-butyl Ether	4.99	73	9873	0.934	ug/l	97
20) Methylene Chloride	4.49	84	3433	1.054	ug/l	87
21) trans-1,2-Dichloroethene	4.98	96	2977	0.911	ug/l	96
22) Diisopropyl ether	5.90	45	9211	0.865	ug/l	96
23) Vinyl Acetate	5.84	43	35777	4.126	ug/l	98
24) 1,1-Dichloroethane	5.79	63	5296	0.870	ug/l #	90
25) 2-Butanone	6.79	43	9149	5.354	ug/l	95
26) 2,2-Dichloropropane	6.77	77	5571	1.069	ug/l #	74
27) cis-1,2-Dichloroethene	6.78	96	3416	0.900	ug/l	61
28) Bromochloromethane	7.15	49	1938m	0.725	ug/l	
29) Tetrahydrofuran	7.17	42	5949	5.129	ug/l #	78
30) Chloroform	7.33	83	5087	0.797	ug/l	93
32) 1,1,1-Trichloroethane	7.52	97	5026	0.884	ug/l #	51
36) 1,1-Dichloropropene	7.75	75	3997	0.846	ug/l	97
37) Ethyl Acetate	6.88	43	4817m	1.223	ug/l	
38) Carbon Tetrachloride	7.72	117	3056	0.754	ug/l #	81
39) Methylcyclohexane	9.05	83	4911	0.873	ug/l	97
40) Benzene	8.00	78	12054	0.867	ug/l	97
41) Methacrylonitrile	7.12	41	1803m	0.986	ug/l	
42) 1,2-Dichloroethane	8.08	62	4455	0.891	ug/l	98
43) Isopropyl Acetate	8.12	43	6956	0.918	ug/l #	83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2980	0.829	ug/l	96
45) 1,2-Dichloropropane	9.08	63	2832	0.808	ug/l	100
46) Dibromomethane	9.18	93	2146	0.911	ug/l	91
47) Bromodichloromethane	9.37	83	4195	0.820	ug/l #	91
48) Methyl methacrylate	9.17	41	3485	1.017	ug/l #	87
49) 1,4-Dioxane	9.16	88	1103	49.616	ug/l #	81
51) 4-Methyl-2-Pentanone	9.95	43	16753	4.108	ug/l	98
52) Toluene	10.12	92	7395	0.838	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	4328	0.774	ug/l #	88
54) cis-1,3-Dichloropropene	9.81	75	5034	0.853	ug/l	97
55) 1,1,2-Trichloroethane	10.53	97	2589	0.788	ug/l	88
56) Ethyl methacrylate	10.40	69	4091	0.762	ug/l #	75
57) 1,3-Dichloropropane	10.68	76	4899	0.856	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	11702	5.159	ug/l	98
59) 2-Hexanone	10.72	43	12945	4.633	ug/l	92
60) Dibromochloromethane	10.87	129	2722	0.745	ug/l	95
61) 1,2-Dibromoethane	10.98	107	2908	0.842	ug/l	94
64) Tetrachloroethene	10.60	164	2959	0.899	ug/l	97
65) Chlorobenzene	11.40	112	7977	0.914	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.47	131	2526	0.820	ug/l #	61
67) Ethyl Benzene	11.48	91	13530	0.837	ug/l	90
68) m/p-Xylenes	11.59	106	10014	1.648	ug/l	97
69) o-Xylene	11.92	106	4930	0.837	ug/l	98
70) Styrene	11.94	104	7306	0.738	ug/l	95
71) Bromoform	12.10	173	1528	0.704	ug/l #	98
73) Isopropylbenzene	12.22	105	13272	0.947	ug/l	97
74) N-amyl acetate	12.05	43	4660	0.850	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.48	83	3658	0.915	ug/l	98
76) 1,2,3-Trichloropropane	12.53	75	3617m	1.005	ug/l	
77) Bromobenzene	12.50	156	2732	0.890	ug/l	93
78) n-propylbenzene	12.56	91	14938	0.914	ug/l	98
79) 2-Chlorotoluene	12.65	91	8940	0.933	ug/l	93
80) 1,3,5-Trimethylbenzene	12.71	105	10021	0.854	ug/l	97
82) 4-Chlorotoluene	12.75	91	9050	0.899	ug/l	99
83) tert-Butylbenzene	12.97	119	8665	0.866	ug/l	91
84) 1,2,4-Trimethylbenzene	13.01	105	10276	0.878	ug/l	100
85) sec-Butylbenzene	13.15	105	11547	0.855	ug/l	96
86) p-Isopropyltoluene	13.26	119	10026	0.855	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	4447	0.799	ug/l	98
88) 1,4-Dichlorobenzene	13.34	146	4761	0.833	ug/l	84
89) n-Butylbenzene	13.59	91	9627	0.905	ug/l	95
90) Hexachloroethane	13.85	117	1256	0.777	ug/l	95
91) 1,2-Dichlorobenzene	13.63	146	4594	0.864	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	14.25	75	737	0.959	ug/l	73
93) 1,2,4-Trichlorobenzene	14.89	180	2109	0.723	ug/l	81
94) Hexachlorobutadiene	14.98	225	1234	1.099	ug/l	89
95) Naphthalene	15.11	128	6767	0.716	ug/l	96
96) 1,2,3-Trichlorobenzene	15.29	180	2314	0.794	ug/l	88

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

