

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN072120\
 Data File : VN062565.D
 Acq On : 21 Jul 2020 10:59
 Operator : JC/MD
 Sample : VSTDIC001
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC001

Manual Integrations
 APPROVED

MMDadoda
 7/22/2020 2:45:31 PM

Quant Time: Jul 21 18:50:30 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 21 13:13:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.62	168	228139	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	385517	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	340412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	123808	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	2885	1.226	ug/l	99
3) Chloromethane	2.04	50	3974	1.076	ug/l	89
4) Vinyl Chloride	2.16	62	3151	1.031	ug/l	95
6) Chloroethane	2.67	64	1314	0.767	ug/l	89
7) Trichlorofluoromethane	2.98	101	3780	0.981	ug/l	90
8) Diethyl Ether	3.37	74	1551	0.896	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.72	101	2106m	0.918	ug/l	
12) 1,1-Dichloroethene	3.70	96	2234	0.954	ug/l	92
14) Allyl chloride	4.27	41	4778	0.878	ug/l	96
15) Acrylonitrile	4.93	53	6391m	4.224	ug/l	
16) Acetone	3.78	43	7134	4.872	ug/l	97
17) Carbon Disulfide	4.01	76	8257	1.119	ug/l	99
18) Methyl Acetate	4.29	43	3417	0.936	ug/l #	78
19) Methyl tert-butyl Ether	4.99	73	8195m	0.924	ug/l	
20) Methylene Chloride	4.50	84	3558	1.117	ug/l #	94
21) trans-1,2-Dichloroethene	4.99	96	2562m	1.010	ug/l	
22) Diisopropyl ether	5.90	45	9307	0.866	ug/l #	62
23) Vinyl Acetate	5.85	43	35288	3.963	ug/l	100
24) 1,1-Dichloroethane	5.79	63	5168	0.925	ug/l #	85
25) 2-Butanone	6.79	43	8586	4.010	ug/l	94
26) 2,2-Dichloropropane	6.77	77	4864	1.123	ug/l #	71
27) cis-1,2-Dichloroethene	6.78	96	2869	0.976	ug/l	88
28) Bromochloromethane	7.15	49	2360	0.783	ug/l #	94
29) Tetrahydrofuran	7.16	42	5761	3.988	ug/l #	73
30) Chloroform	7.33	83	5163	1.017	ug/l	99
32) 1,1,1-Trichloroethane	7.52	97	4013	0.948	ug/l #	52
36) 1,1-Dichloropropene	7.75	75	3703	0.954	ug/l	93
37) Ethyl Acetate	6.88	43	3954	0.876	ug/l #	69
38) Carbon Tetrachloride	7.73	117	3463	0.977	ug/l #	81
39) Methylcyclohexane	9.04	83	3942	0.952	ug/l	97
40) Benzene	8.00	78	11804	1.026	ug/l	96
41) Methacrylonitrile	7.15	41	1875m	1.014	ug/l	
42) 1,2-Dichloroethane	8.09	62	4130	0.980	ug/l	81
43) Isopropyl Acetate	8.12	43	5831	0.818	ug/l #	71

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) Trichloroethene	8.80	130	2594	1.012	ug/l	94
45) 1,2-Dichloropropane	9.08	63	3170	0.955	ug/l #	88
46) Dibromomethane	9.17	93	1735	0.920	ug/l	97
47) Bromodichloromethane	9.37	83	4085	1.016	ug/l	87
48) Methyl methacrylate	9.16	41	2861	0.822	ug/l	91
49) 1,4-Dioxane	9.17	88	814	15.876	ug/l #	81
51) 4-Methyl-2-Pentanone	9.95	43	17612	4.142	ug/l	96
52) Toluene	10.12	92	6157	0.922	ug/l	94
53) t-1,3-Dichloropropene	10.36	75	3995	0.884	ug/l	94
54) cis-1,3-Dichloropropene	9.81	75	4268	0.858	ug/l	92
55) 1,1,2-Trichloroethane	10.53	97	2321	0.890	ug/l	95
56) Ethyl methacrylate	10.40	69	3104	0.715	ug/l	95
57) 1,3-Dichloropropane	10.68	76	4446	0.922	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.66	63	4103	2.740	ug/l #	90
59) 2-Hexanone	10.72	43	10842	3.509	ug/l	92
60) Dibromochloromethane	10.87	129	2461	0.862	ug/l	91
61) 1,2-Dibromoethane	10.98	107	2555	0.963	ug/l	99
64) Tetrachloroethene	10.60	164	2156	1.060	ug/l #	83
65) Chlorobenzene	11.40	112	6647	1.001	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.48	131	2624	1.072	ug/l #	64
67) Ethyl Benzene	11.48	91	11463	0.924	ug/l	99
68) m/p-Xylenes	11.59	106	7858	1.781	ug/l	97
69) o-Xylene	11.92	106	3476	0.811	ug/l	93
70) Styrene	11.94	104	5424	0.765	ug/l	96
71) Bromoform	12.10	173	1566	0.870	ug/l #	99
73) Isopropylbenzene	12.22	105	9140	0.956	ug/l	99
74) N-amyl acetate	12.05	43	3281	0.714	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.48	83	3819	1.189	ug/l #	94
76) 1,2,3-Trichloropropane	12.53	75	3333m	1.087	ug/l	
77) Bromobenzene	12.50	156	2410	1.105	ug/l	94
78) n-propylbenzene	12.57	91	10843	0.973	ug/l	92
79) 2-Chlorotoluene	12.65	91	6784	1.000	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	6669	0.847	ug/l	100
82) 4-Chlorotoluene	12.75	91	6536	0.948	ug/l	91
83) tert-Butylbenzene	12.97	119	5969	0.897	ug/l	97
84) 1,2,4-Trimethylbenzene	13.02	105	6751	0.865	ug/l	91
85) sec-Butylbenzene	13.15	105	7758	0.881	ug/l	97
86) p-Isopropyltoluene	13.26	119	6180	0.813	ug/l	98
87) 1,3-Dichlorobenzene	13.26	146	4221	1.122	ug/l	92
88) 1,4-Dichlorobenzene	13.34	146	4019m	1.040	ug/l	
89) n-Butylbenzene	13.59	91	5993	0.897	ug/l	97
90) Hexachloroethane	13.84	117	1682	1.122	ug/l	89
91) 1,2-Dichlorobenzene	13.63	146	3820	1.048	ug/l	95
92) 1,2-Dibromo-3-Chloropropan	14.25	75	620	1.060	ug/l	86
93) 1,2,4-Trichlorobenzene	14.89	180	1577	0.964	ug/l	97
94) Hexachlorobutadiene	14.98	225	1577	1.614	ug/l	92
95) Naphthalene	15.11	128	5928	1.294	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.28	180	1779	1.045	ug/l	74

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

