

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN041620\
 Data File : VN061003.D
 Acq On : 16 Apr 2020 11:11
 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
 4/17/2020 11:52:52 AM

Quant Time: Apr 17 03:50:43 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N041620W.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 16 12:43:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	176735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.56	114	293518	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	254816	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	106859	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	1478	0.815	ug/l	93
3) Chloromethane	2.04	50	2768	0.865	ug/l	94
4) Vinyl Chloride	2.17	62	2259	0.896	ug/l	92
6) Chloroethane	2.68	64	1223	0.842	ug/l	97
7) Trichlorofluoromethane	3.00	101	2846	0.913	ug/l	97
8) Diethyl Ether	3.39	74	1081	0.867	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.73	101	1840	1.025	ug/l #	84
10) Methyl Iodide	3.92	142	1281	0.793	ug/l #	80
12) 1,1-Dichloroethene	3.71	96	1754	0.914	ug/l	92
14) Allyl chloride	4.29	41	3306	0.968	ug/l	95
15) Acrylonitrile	4.95	53	3907	3.688	ug/l	95
16) Acetone	3.79	43	4549	5.098	ug/l	96
17) Carbon Disulfide	4.02	76	5741	0.981	ug/l	97
18) Methyl Acetate	4.29	43	2574	1.011	ug/l #	60
19) Methyl tert-butyl Ether	5.00	73	6246	0.944	ug/l #	88
20) Methylene Chloride	4.52	84	1998	0.941	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	1826	0.893	ug/l	81
22) Diisopropyl ether	5.91	45	6853	0.955	ug/l #	87
23) Vinyl Acetate	5.86	43	25559	4.389	ug/l	97
24) 1,1-Dichloroethane	5.81	63	3753	0.960	ug/l #	85
25) 2-Butanone	6.80	43	6457	4.550	ug/l	95
26) 2,2-Dichloropropane	6.79	77	3123m	0.999	ug/l	
27) cis-1,2-Dichloroethene	6.79	96	2174	0.933	ug/l	90
28) Bromochloromethane	7.17	49	1835	0.986	ug/l #	94
29) Tetrahydrofuran	7.18	42	4283	4.303	ug/l	93
30) Chloroform	7.35	83	3408	0.911	ug/l	100
32) 1,1,1-Trichloroethane	7.54	97	2988	0.931	ug/l #	51
36) 1,1-Dichloropropene	7.77	75	2898	1.012	ug/l	91
37) Ethyl Acetate	6.90	43	2864m	0.921	ug/l	
38) Carbon Tetrachloride	7.75	117	1970	0.772	ug/l	95
39) Methylcyclohexane	9.06	83	3264	0.955	ug/l	97
40) Benzene	8.02	78	8392	0.972	ug/l	98
41) Methacrylonitrile	7.14	41	1306	0.983	ug/l #	100
42) 1,2-Dichloroethane	8.09	62	2737	0.926	ug/l #	76

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

43) Isopropyl Acetate	8.13	43	4619	0.903	ug/l #	94
44) Trichloroethene	8.82	130	2155	0.994	ug/l	87
45) 1,2-Dichloropropane	9.10	63	2261	0.990	ug/l	97
46) Dibromomethane	9.18	93	1054	0.767	ug/l	92
47) Bromodichloromethane	9.38	83	2507	0.875	ug/l #	95
48) Methyl methacrylate	9.18	41	1915	0.839	ug/l	94
49) 1,4-Dioxane	9.18	88	317	11.531	ug/l #	53
51) 4-Methyl-2-Pentanone	9.97	43	12808	4.391	ug/l	95
52) Toluene	10.14	92	5042	0.967	ug/l	99
53) t-1,3-Dichloropropene	10.37	75	2847	0.864	ug/l	94
54) cis-1,3-Dichloropropene	9.82	75	3125	0.863	ug/l	94
55) 1,1,2-Trichloroethane	10.55	97	1750	0.873	ug/l	97
56) Ethyl methacrylate	10.42	69	2327	0.744	ug/l	97
57) 1,3-Dichloropropane	10.70	76	3266	0.937	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.68	63	5857	3.923	ug/l	98
59) 2-Hexanone	10.74	43	8669	4.128	ug/l	94
60) Dibromochloromethane	10.89	129	1674	0.811	ug/l	96
61) 1,2-Dibromoethane	11.00	107	1773	0.882	ug/l	96
64) Tetrachloroethene	10.62	164	1778	0.891	ug/l	95
65) Chlorobenzene	11.42	112	5002	0.984	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.50	131	1732	0.943	ug/l #	66
67) Ethyl Benzene	11.50	91	9293	0.983	ug/l	98
68) m/p-Xylenes	11.61	106	6436	1.840	ug/l	98
69) o-Xylene	11.94	106	3071	0.920	ug/l	99
70) Styrene	11.96	104	4314	0.789	ug/l	94
71) Bromoform	12.12	173	1043	0.762	ug/l #	88
73) Isopropylbenzene	12.24	105	8797	1.091	ug/l	96
74) N-amyl acetate	12.07	43	3752	1.003	ug/l #	87
75) 1,1,1,2-Tetrachloroethane	12.50	83	2480	1.012	ug/l #	90
76) 1,2,3-Trichloropropane	12.55	75	2160m	0.933	ug/l	
77) Bromobenzene	12.52	156	2033	1.050	ug/l	93
78) n-propylbenzene	12.58	91	9406	0.984	ug/l	100
79) 2-Chlorotoluene	12.67	91	5650	0.993	ug/l	99
80) 1,3,5-Trimethylbenzene	12.72	105	6618	0.966	ug/l	98
82) 4-Chlorotoluene	12.77	91	5813	1.001	ug/l	99
83) tert-Butylbenzene	12.99	119	5663	0.997	ug/l	95
84) 1,2,4-Trimethylbenzene	13.03	105	6217	0.918	ug/l	98
85) sec-Butylbenzene	13.17	105	7580	0.990	ug/l	98
86) p-Isopropyltoluene	13.28	119	6619	0.962	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	3453	1.008	ug/l	93
88) 1,4-Dichlorobenzene	13.36	146	3516m	1.023	ug/l	
89) n-Butylbenzene	13.61	91	5821	0.933	ug/l	100
90) Hexachloroethane	13.87	117	963	0.960	ug/l	99
91) 1,2-Dichlorobenzene	13.65	146	3327	1.018	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.26	75	369	0.672	ug/l	84
93) 1,2,4-Trichlorobenzene	14.90	180	1653	0.824	ug/l	97
94) Hexachlorobutadiene	15.01	225	985	0.994	ug/l	95
95) Naphthalene	15.13	128	4582	0.764	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.31	180	1553	0.786	ug/l	92

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

