

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071123\
 Data File : VN078460.D
 Acq On : 11 Jul 2023 12:56
 Operator : JC\MD
 Sample : VN0711WBL02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0711WBL02

Quant Time: Jul 12 01:32:03 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071023W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 10 16:13:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.229	168	457936	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	811585	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	755454	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	257894	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	301281	49.076	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	98.160%
35) Dibromofluoromethane	8.171	113	296502	53.819	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	107.640%
50) Toluene-d8	10.570	98	935994	44.973	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	89.940%
62) 4-Bromofluorobenzene	12.859	95	324511	50.620	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	101.240%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.130	85	108	0.019	ug/l #	43
4) Vinyl Chloride	2.530	62	274	0.035	ug/l #	42
7) Trichlorofluoromethane	3.289	101	56	0.006	ug/l #	19
9) 1,1,2-Trichlorotrifluo...	4.371	101	60	0.012	ug/l #	1
10) Methyl Iodide	4.600	142	928	0.135	ug/l #	73
11) Tert butyl alcohol	5.559	59	67	0.071	ug/l #	72
12) 1,1-Dichloroethene	4.341	96	83	0.017	ug/l #	1
14) Allyl chloride	5.024	41	180	0.027	ug/l #	46
15) Acrylonitrile	5.736	53	176	0.074	ug/l #	70
18) Methyl Acetate	5.041	43	718	0.089	ug/l #	42
21) trans-1,2-Dichloroethene	5.800	96	578	0.106	ug/l #	49
22) Diisopropyl ether	6.694	45	56	0.004	ug/l #	33
23) Vinyl Acetate	6.630	43	341	0.036	ug/l #	62
25) 2-Butanone	7.506	43	545	0.181	ug/l #	37
26) 2,2-Dichloropropane	7.553	77	57	0.007	ug/l #	53
27) cis-1,2-Dichloroethene	7.488	96	62	0.010	ug/l #	50
28) Bromochloromethane	7.835	49	79	0.017	ug/l #	5
29) Tetrahydrofuran	7.859	42	286	0.145	ug/l #	36
30) Chloroform	7.959	83	308	0.030	ug/l #	15
32) 1,1,1-Trichloroethane	8.235	97	310	0.033	ug/l #	1
37) Ethyl Acetate	7.559	43	132	0.020	ug/l #	63
39) Methylcyclohexane	9.612	83	209	0.029	ug/l #	23
40) Benzene	8.600	78	829	0.035	ug/l #	52
41) Methacrylonitrile	7.771	41	59	0.017	ug/l #	8
42) 1,2-Dichloroethane	8.665	62	511	0.064	ug/l #	73
43) Isopropyl Acetate	8.653	43	77	0.007	ug/l #	49
44) Trichloroethene	9.353	130	324	0.051	ug/l	67
45) 1,2-Dichloropropane	9.606	63	69	0.012	ug/l #	45
46) Dibromomethane	9.718	93	210	0.050	ug/l #	35
47) Bromodichloromethane	9.888	83	204	0.024	ug/l #	26
48) Methyl methacrylate	9.688	41	180	0.036	ug/l #	1
51) 4-Methyl-2-Pentanone	10.447	43	1106	0.170	ug/l #	31
52) Toluene	10.641	92	587	0.040	ug/l #	52
53) t-1,3-Dichloropropene	10.847	75	329	0.038	ug/l #	84
54) cis-1,3-Dichloropropene	10.318	75	185	0.020	ug/l #	1
55) 1,1,2-Trichloroethane	11.018	97	71	0.012	ug/l #	16

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

56) Ethyl methacrylate	10.870	69	56	0.007	ug/l #	1
57) 1,3-Dichloropropane	11.159	76	132	0.013	ug/l #	42
58) 2-Chloroethyl Vinyl ether	10.165	63	128	0.045	ug/l #	42
60) Dibromochloromethane	11.365	129	229	0.036	ug/l #	38
64) Tetrachloroethene	11.118	164	361	0.064	ug/l #	38
65) Chlorobenzene	11.900	112	1430	0.085	ug/l #	77
67) Ethyl Benzene	11.976	91	2124	0.074	ug/l #	77
68) m/p-Xylenes	12.082	106	1087	0.103	ug/l #	56
69) o-Xylene	12.394	106	231	0.022	ug/l #	1
70) Styrene	12.423	104	1371	0.082	ug/l #	38
73) Isopropylbenzene	12.706	105	1039	0.043	ug/l #	66
74) N-amyl acetate	12.500	43	829	0.099	ug/l #	40
78) n-propylbenzene	13.041	91	1825	0.070	ug/l	99
79) 2-Chlorotoluene	13.229	91	1430	0.084	ug/l	99
80) 1,3,5-Trimethylbenzene	13.176	105	1940	0.101	ug/l	97
82) 4-Chlorotoluene	13.229	91	1430	0.090	ug/l	100
83) tert-Butylbenzene	13.447	119	595	0.037	ug/l #	57
84) 1,2,4-Trimethylbenzene	13.488	105	2265	0.122	ug/l	82
85) sec-Butylbenzene	13.623	105	1327	0.065	ug/l	93
86) p-Isopropyltoluene	13.729	119	936	0.057	ug/l #	82
87) 1,3-Dichlorobenzene	13.729	146	1443	0.155	ug/l #	76
88) 1,4-Dichlorobenzene	13.729	146	1443	0.154	ug/l	77
89) n-Butylbenzene	14.059	91	1858	0.157	ug/l #	88
91) 1,2-Dichlorobenzene	14.111	146	1028	0.111	ug/l	85

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

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