

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN122721\
 Data File : VN070311.D
 Acq On : 27 Dec 2021 13:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 27 15:12:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 14:58:32 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1140295	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	2170856	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	2561913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	1064989	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	864765	52.74	ug/l	0.00
Spiked Amount 50.000	Range	61 - 141	Recovery	=	105.48%	
35) Dibromofluoromethane	8.021	113	632661	48.17	ug/l	0.00
Spiked Amount 50.000	Range	69 - 133	Recovery	=	96.34%	
50) Toluene-d8	10.440	98	2885829	53.78	ug/l	0.00
Spiked Amount 50.000	Range	65 - 126	Recovery	=	107.56%	
62) 4-Bromofluorobenzene	12.731	95	1292776	66.71	ug/l	0.00
Spiked Amount 50.000	Range	58 - 135	Recovery	=	133.42%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	4165	0.32	ug/l	82
3) Chloromethane	2.306	50	7007	0.40	ug/l	92
7) Trichlorofluoromethane	3.381	101	4966	0.26	ug/l #	84
10) Methyl Iodide	4.425	142	3570	0.22	ug/l #	74
13) Acrolein	4.047	56	6433	2.90	ug/l #	71
15) Acrylonitrile	5.559	53	17153	2.01	ug/l	96
16) Acetone	4.301	43	21273	2.00	ug/l	96
17) Carbon Disulfide	4.535	76	35183	1.11	ug/l	97
18) Methyl Acetate	4.856	43	7373	0.24	ug/l #	74
21) trans-1,2-Dichloroethene	5.597	96	3329	0.27	ug/l	93
23) Vinyl Acetate	6.439	43	13734	0.35	ug/l	98
25) 2-Butanone	7.345	43	22880	1.71	ug/l	95
27) cis-1,2-Dichloroethene	7.335	96	3831	0.26	ug/l	72
29) Tetrahydrofuran	7.705	42	11615	1.45	ug/l #	56
31) Cyclohexane	8.086	56	32257	1.25	ug/l #	29
36) 1,1-Dichloropropene	8.222	75	7815	0.36	ug/l	95
38) Carbon Tetrachloride	8.083	117	114037	5.50	ug/l #	17
39) Methylcyclohexane	9.461	83	6172	0.23	ug/l #	86
41) Methacrylonitrile	7.643	41	5269	0.37	ug/l #	64
42) 1,2-Dichloroethane	8.528	62	6926	0.28	ug/l	93
46) Dibromomethane	9.579	93	3109	0.28	ug/l	91
48) Methyl methacrylate	9.563	41	6087	0.29	ug/l #	76
49) 1,4-Dioxane	9.571	88	3339	10.77	ug/l #	68
51) 4-Methyl-2-Pentanone	10.330	43	47213	1.69	ug/l	91
52) Toluene	10.505	92	9853	0.24	ug/l	99
53) t-1,3-Dichloropropene	10.725	75	5259	0.22	ug/l #	87
55) 1,1,2-Trichloroethane	10.902	97	3891	0.24	ug/l #	83
56) Ethyl methacrylate	10.762	69	9618	0.36	ug/l #	85
58) 2-Chloroethyl Vinyl ether	10.049	63	1745	18.75	ug/l #	74
59) 2-Hexanone	11.089	43	104618	5.14	ug/l	96
61) 1,2-Dibromoethane	11.350	107	4189	0.26	ug/l	98
64) Tetrachloroethene	10.977	164	6202	0.33	ug/l	91
65) Chlorobenzene	11.771	112	19450	0.36	ug/l	95
67) Ethyl Benzene	11.846	91	26540	0.27	ug/l	98
68) m/p-Xylenes	11.953	106	22878	0.63	ug/l	99
69) o-Xylene	12.283	106	7365	0.20	ug/l	76

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

70) Styrene	12.294	104	21510	0.38	ug/l	96
71) Bromoform	12.460	173	3967	0.28	ug/l #	29
73) Isopropylbenzene	12.578	105	23557	0.24	ug/l	96
74) N-amyl acetate	12.393	43	54984	1.32	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	13838	0.83	ug/l #	95
76) 1,2,3-Trichloropropane	12.878	75	20953	3.27	ug/l #	1
77) Bromobenzene	12.857	156	12833	0.57	ug/l	76
78) n-propylbenzene	12.918	91	52053	0.48	ug/l	99
79) 2-Chlorotoluene	13.007	91	26719	0.38	ug/l	97
80) 1,3,5-Trimethylbenzene	13.061	105	22530	0.28	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.731	75	686575	78.76	ug/l #	5
82) 4-Chlorotoluene	13.104	91	44545	0.68	ug/l	96
83) tert-Butylbenzene	13.323	119	15896	0.23	ug/l	95
84) 1,2,4-Trimethylbenzene	13.366	105	36388	0.48	ug/l	97
85) sec-Butylbenzene	13.500	105	34817	0.37	ug/l	99
86) p-Isopropyltoluene	13.616	119	36109	0.49	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	35326	0.93	ug/l	96
88) 1,4-Dichlorobenzene	13.616	146	35326	0.95	ug/l	96
89) n-Butylbenzene	13.943	91	75821	1.22	ug/l	96
91) 1,2-Dichlorobenzene	13.989	146	36385	0.98	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.605	75	10474	1.83	ug/l	75
93) 1,2,4-Trichlorobenzene	15.263	180	72331	5.66	ug/l	98
94) Hexachlorobutadiene	15.367	225	9961	0.98	ug/l	96
95) Naphthalene	15.507	128	355153	8.85	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	92043	6.22	ug/l	97

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

