

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102821\
 Data File : VN069249.D
 Acq On : 28 Oct 2021 12:59
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 28 16:16:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102821W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 28 16:09:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.088	168	331350	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.971	114	579389	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	558516	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	211970	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	226782	47.412	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.820%
35) Dibromofluoromethane	8.024	113	170026	47.076	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.160%
50) Toluene-d8	10.443	98	720487	49.893	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.780%
62) 4-Bromofluorobenzene	12.733	95	267556	49.100	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	98.200%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.075	85	1398	1.126 ug/l		97
3) Chloromethane	2.303	50	1138	Below Cal	#	85
4) Vinyl Chloride	2.445	62	983	0.932 ug/l	#	86
5) Bromomethane	2.874	94	2523	0.906 ug/l		95
7) Trichlorofluoromethane	3.381	101	1523	0.259 ug/l		94
9) 1,1,2-Trichlorotrifluo...	4.215	101	1140	0.366 ug/l	#	55
10) Methyl Iodide	4.427	142	704	2.606 ug/l	#	73
11) Tert butyl alcohol	5.382	59	50	13.458 ug/l	#	72
12) 1,1-Dichloroethene	4.189	96	701	0.235 ug/l	#	74
13) Acrolein	4.049	56	462	2.193 ug/l		88
15) Acrylonitrile	5.567	53	2385	1.182 ug/l	#	50
16) Acetone	4.299	43	3026	1.485 ug/l		94
17) Carbon Disulfide	4.540	76	8069	1.017 ug/l		98
20) Methylene Chloride	5.103	84	1674	0.428 ug/l		92
21) trans-1,2-Dichloroethene	5.605	96	1271	0.378 ug/l		86
23) Vinyl Acetate	6.431	43	891	6.678 ug/l	#	72
25) 2-Butanone	7.340	43	1766	2.196 ug/l		92
27) cis-1,2-Dichloroethene	7.332	96	991	0.249 ug/l		73
29) Tetrahydrofuran	7.694	42	1112	3.484 ug/l	#	83
31) Cyclohexane	8.083	56	9601	1.500 ug/l	#	25
32) 1,1,1-Trichloroethane	8.016	97	186	0.902 ug/l	#	24
36) 1,1-Dichloropropene	8.228	75	1942	0.389 ug/l	#	69
38) Carbon Tetrachloride	8.086	117	34708	6.995 ug/l	#	15
39) Methylcyclohexane	9.461	83	1824	0.295 ug/l		98
42) 1,2-Dichloroethane	8.536	62	1385	0.245 ug/l	#	76
43) Isopropyl Acetate	8.571	43	792	0.538 ug/l	#	55
44) Trichloroethene	9.215	130	1653	0.437 ug/l		93
46) Dibromomethane	9.585	93	545	0.201 ug/l		93
47) Bromodichloromethane	9.756	83	472	1.185 ug/l	#	92
48) Methyl methacrylate	9.563	41	982	0.229 ug/l	#	83
49) 1,4-Dioxane	9.577	88	509	39.578 ug/l	#	50
51) 4-Methyl-2-Pentanone	10.333	43	7484	7.531 ug/l		90
52) Toluene	10.507	92	2165	0.220 ug/l		81
53) t-1,3-Dichloropropene	10.725	75	1235	2.119 ug/l		93
54) cis-1,3-Dichloropropene	10.186	75	452	1.592 ug/l		95
56) Ethyl methacrylate	10.759	69	897	1.803 ug/l	#	36

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
58) 2-Chloroethyl Vinyl ether	10.049	63	333	21.979	ug/l #	47
59) 2-Hexanone	11.089	43	16268	11.187	ug/l	98
60) Dibromochloromethane	11.240	129	393	2.059	ug/l	75
61) 1,2-Dibromoethane	11.350	107	654	0.973	ug/l	87
64) Tetrachloroethene	10.985	164	1887	0.529	ug/l	93
65) Chlorobenzene	11.771	112	4499	0.409	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.843	131	252	0.427	ug/l #	62
67) Ethyl Benzene	11.846	91	6847	0.342	ug/l	99
68) m/p-Xylenes	11.958	106	5618	0.753	ug/l	98
69) o-Xylene	12.280	106	1963	0.261	ug/l	98
70) Styrene	12.296	104	5201	1.826	ug/l	96
71) Bromoform	12.460	173	523	3.016	ug/l #	29
73) Isopropylbenzene	12.578	105	6039	0.339	ug/l	97
74) N-amyl acetate	12.395	43	8046	1.146	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.830	83	2317	0.407	ug/l #	95
76) 1,2,3-Trichloropropane	12.733	75	140660	25.230	ug/l #	1
77) Bromobenzene	12.865	156	2442	0.584	ug/l	94
78) n-propylbenzene	12.924	91	12418	0.616	ug/l	96
79) 2-Chlorotoluene	13.012	91	6684	0.526	ug/l	91
80) 1,3,5-Trimethylbenzene	13.061	105	6316	0.427	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.733	75	140660	72.226	ug/l #	12
82) 4-Chlorotoluene	13.109	91	10585	0.845	ug/l	98
83) tert-Butylbenzene	13.326	119	3998	0.310	ug/l	97
84) 1,2,4-Trimethylbenzene	13.372	105	8429	0.583	ug/l	97
85) sec-Butylbenzene	13.506	105	9045	0.506	ug/l	98
86) p-Isopropyltoluene	13.618	119	9200	0.645	ug/l	99
87) 1,3-Dichlorobenzene	13.618	146	7844	1.073	ug/l	97
88) 1,4-Dichlorobenzene	13.618	146	7844	1.177	ug/l	98
89) n-Butylbenzene	13.946	91	14920	1.235	ug/l	97
90) Hexachloroethane	14.211	117	337	2.146	ug/l #	32
91) 1,2-Dichlorobenzene	13.991	146	7174	1.007	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.603	75	1727	3.074	ug/l	95
93) 1,2,4-Trichlorobenzene	15.268	180	13310	6.161	ug/l	96
94) Hexachlorobutadiene	15.370	225	1719	0.980	ug/l #	73
95) Naphthalene	15.509	128	70700	9.541	ug/l	99
96) 1,2,3-Trichlorobenzene	15.702	180	15737	6.680	ug/l	98

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

