

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN101722\
 Data File : VN074915.D
 Acq On : 17 Oct 2022 13:49
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Oct 17 16:11:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N101722W.M
 Quant Title : SW846 8260
 QLast Update : Mon Oct 17 16:03:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.230	168	453641	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	763666	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	786267	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	313867	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	502148	41.964	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.920%
35) Dibromofluoromethane	8.177	113	397817	46.333	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	92.660%
50) Toluene-d8	10.571	98	1670519	46.919	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.840%
62) 4-Bromofluorobenzene	12.853	95	408543	39.495	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	79.000%#

Target Compounds				Qvalue		
3) Chloromethane	2.383	50	6624	Below Cal	#	80
5) Bromomethane	2.948	94	6180	Below Cal		97
11) Tert butyl alcohol	5.571	59	712	0.273	ug/l #	73
13) Acrolein	4.200	56	2683	1.046	ug/l #	68
15) Acrylonitrile	5.736	53	2702	0.397	ug/l #	70
16) Acetone	4.477	43	3952	0.702	ug/l #	82
17) Carbon Disulfide	4.724	76	12523	0.651	ug/l	97
18) Methyl Acetate	5.059	43	11633	0.703	ug/l #	70
20) Methylene Chloride	5.300	84	2774	0.268	ug/l #	79
21) trans-1,2-Dichloroethene	5.800	96	2726	0.319	ug/l #	58
23) Vinyl Acetate	6.624	43	6326	0.268	ug/l #	73
25) 2-Butanone	7.512	43	5518	0.589	ug/l #	48
27) cis-1,2-Dichloroethene	7.512	96	2810	0.264	ug/l	53
29) Tetrahydrofuran	7.865	42	3086	0.484	ug/l #	45
31) Cyclohexane	8.235	56	15585	1.007	ug/l #	23
36) 1,1-Dichloropropene	8.388	75	3208	0.285	ug/l #	55
38) Carbon Tetrachloride	8.224	117	48724	4.270	ug/l #	21
42) 1,2-Dichloroethane	8.688	62	3409	0.265	ug/l	100
44) Trichloroethene	9.353	130	1827	0.230	ug/l	96
49) 1,4-Dioxane	9.700	88	606	2.599	ug/l #	1
51) 4-Methyl-2-Pentanone	10.453	43	5891	0.337	ug/l	91
58) 2-Chloroethyl Vinyl ether	10.171	63	1743	9.582	ug/l #	72
59) 2-Hexanone	11.206	43	10711	0.818	ug/l	88
64) Tetrachloroethene	11.106	164	2203	0.379	ug/l #	62
65) Chlorobenzene	11.888	112	6667	0.295	ug/l #	83
67) Ethyl Benzene	11.970	91	8459	0.206	ug/l	95
68) m/p-Xylenes	12.076	106	6057	0.395	ug/l	90
70) Styrene	12.418	104	6034	0.246	ug/l	91
71) Bromoform	12.847	173	3692	0.626	ug/l #	1
74) N-amyl acetate	12.500	43	5674	0.343	ug/l #	83
76) 1,2,3-Trichloropropane	12.847	75	235031	26.494	ug/l #	1
77) Bromobenzene	12.976	156	1663	0.255	ug/l #	48
78) n-propylbenzene	13.035	91	11277	0.325	ug/l	86
79) 2-Chlorotoluene	13.123	91	7182	0.334	ug/l	99
80) 1,3,5-Trimethylbenzene	13.182	105	5270	0.215	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.847	75	235031	63.683	ug/l #	9

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

82) 4-Chlorotoluene	13.217	91	9426	0.498	ug/l	100
83) tert-Butylbenzene	13.441	119	5379	0.239	ug/l #	71
84) 1,2,4-Trimethylbenzene	13.482	105	7461	0.317	ug/l	90
86) p-Isopropyltoluene	13.729	119	5152	0.221	ug/l #	83
87) 1,3-Dichlorobenzene	13.741	146	6661	0.617	ug/l	97
88) 1,4-Dichlorobenzene	13.741	146	6661	0.584	ug/l	95
89) n-Butylbenzene	14.059	91	8085	0.416	ug/l	91
91) 1,2-Dichlorobenzene	14.112	146	6745	0.626	ug/l	82
92) 1,2-Dibromo-3-Chloropr...	14.711	75	1351	0.728	ug/l	63
93) 1,2,4-Trichlorobenzene	15.388	180	9734	1.929	ug/l	94
94) Hexachlorobutadiene	15.511	225	1679	0.697	ug/l #	48
95) Naphthalene	15.647	128	53874	2.477	ug/l	97
96) 1,2,3-Trichlorobenzene	15.835	180	10200	1.937	ug/l	97

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

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