

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071634.D
 Acq On : 29 Mar 2022 16:07
 Operator : JC\MD
 Sample : N2157-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MHD

Quant Time: Mar 30 06:05:23 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	761182	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1292095	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1296315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	492660	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	438185	48.011	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	96.020%		
35) Dibromofluoromethane	8.016	113	366082	46.133	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.260%		
50) Toluene-d8	10.439	98	1622789	49.577	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.160%		
62) 4-Bromofluorobenzene	12.727	95	546565	51.185	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	102.380%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.422	142	813	0.078	ug/l #	52
16) Acetone	4.298	43	44774	11.900	ug/l	95
17) Carbon Disulfide	4.540	76	1249	0.073	ug/l #	75
18) Methyl Acetate	4.857	43	18650	1.057	ug/l	98
20) Methylene Chloride	5.098	84	605801	72.845	ug/l	98
22) Diisopropyl ether	6.587	45	55	0.002	ug/l #	34
23) Vinyl Acetate	6.428	43	143	0.007	ug/l #	68
30) Chloroform	7.816	83	140	0.010	ug/l #	18
32) 1,1,1-Trichloroethane	8.086	97	125	0.010	ug/l #	1
37) Ethyl Acetate	7.410	43	1997	0.160	ug/l #	67
40) Benzene	8.463	78	1412	0.040	ug/l	94
41) Methacrylonitrile	7.634	41	54	0.009	ug/l #	25
42) 1,2-Dichloroethane	8.539	62	1491	0.123	ug/l #	74
43) Isopropyl Acetate	8.563	43	146803	7.380	ug/l #	72
52) Toluene	10.492	92	918	0.041	ug/l #	51
53) t-1,3-Dichloropropene	10.716	75	134	0.011	ug/l #	43
56) Ethyl methacrylate	10.875	69	687	0.051	ug/l #	1
60) Dibromochloromethane	11.486	129	780	0.086	ug/l #	11
64) Tetrachloroethene	10.969	164	55	0.006	ug/l #	37
65) Chlorobenzene	11.763	112	397	0.015	ug/l #	43
67) Ethyl Benzene	11.839	91	897	0.019	ug/l #	85
68) m/p-Xylenes	11.951	106	648	0.037	ug/l #	62
69) o-Xylene	12.274	106	189	0.011	ug/l #	1
70) Styrene	12.292	104	809	0.030	ug/l #	43
73) Isopropylbenzene	12.569	105	191	0.004	ug/l #	48
74) N-amyl acetate	12.380	43	1559	0.119	ug/l #	54
75) 1,1,2,2-Tetrachloroethane	12.727	83	167	0.012	ug/l #	1
77) Bromobenzene	12.727	156	202	0.019	ug/l #	1
78) n-propylbenzene	12.916	91	1286	0.028	ug/l	77
79) 2-Chlorotoluene	12.998	91	420	0.014	ug/l #	40
80) 1,3,5-Trimethylbenzene	13.057	105	2008	0.059	ug/l	87
82) 4-Chlorotoluene	13.104	91	936	0.034	ug/l #	67
83) tert-Butylbenzene	13.310	119	67	0.002	ug/l #	51
84) 1,2,4-Trimethylbenzene	13.363	105	926	0.028	ug/l	80
85) sec-Butylbenzene	13.498	105	620	0.015	ug/l	82
86) p-Isopropyltoluene	13.616	119	924	0.028	ug/l #	74

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

87) 1,3-Dichlorobenzene	13.610	146	868	0.050	ug/l #	65
88) 1,4-Dichlorobenzene	13.692	146	940	0.054	ug/l #	1
89) n-Butylbenzene	13.933	91	1190	0.048	ug/l	75
91) 1,2-Dichlorobenzene	13.980	146	547	0.032	ug/l #	64
93) 1,2,4-Trichlorobenzene	15.251	180	834	0.110	ug/l #	90
94) Hexachlorobutadiene	15.368	225	55	0.012	ug/l #	18
96) 1,2,3-Trichlorobenzene	15.692	180	683	0.090	ug/l #	69

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

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