

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071635.D
 Acq On : 29 Mar 2022 16:30
 Operator : JC\MD
 Sample : N2157-05
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TP2

Quant Time: Mar 30 06:05:39 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	765691	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1298985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1311771	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	475830	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	436794	47.577	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.160%
35) Dibromofluoromethane	8.016	113	363712	45.591	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	91.180%
50) Toluene-d8	10.439	98	1622237	49.297	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.600%
62) 4-Bromofluorobenzene	12.727	95	551057	51.332	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.660%

Target Compounds				Qvalue		
5) Bromomethane	2.863	94	851	0.148	ug/l #	77
10) Methyl Iodide	4.416	142	99	0.009	ug/l #	44
11) Tert butyl alcohol	5.340	59	307	0.189	ug/l #	72
13) Acrolein	4.034	56	221	0.163	ug/l #	16
16) Acetone	4.293	43	45068	11.908	ug/l	98
17) Carbon Disulfide	4.540	76	1277	0.075	ug/l #	75
20) Methylene Chloride	5.098	84	611073	73.047	ug/l	99
22) Diisopropyl ether	6.622	45	57	0.002	ug/l #	55
23) Vinyl Acetate	6.434	43	131	0.007	ug/l #	68
27) cis-1,2-Dichloroethene	7.087	96	55	0.006	ug/l #	1
30) Chloroform	8.069	83	53	0.004	ug/l #	18
32) 1,1,1-Trichloroethane	8.081	97	68	0.005	ug/l #	1
37) Ethyl Acetate	7.404	43	1165	0.093	ug/l #	67
39) Methylcyclohexane	9.528	83	68	0.005	ug/l #	1
40) Benzene	8.451	78	1122	0.032	ug/l	95
41) Methacrylonitrile	7.675	41	61	0.010	ug/l #	16
42) 1,2-Dichloroethane	8.522	62	1140	0.094	ug/l #	74
43) Isopropyl Acetate	8.557	43	118879	5.985	ug/l #	75
47) Bromodichloromethane	9.528	83	68	0.006	ug/l #	26
52) Toluene	10.504	92	530	0.023	ug/l	85
53) t-1,3-Dichloropropene	10.722	75	132	0.010	ug/l #	14
56) Ethyl methacrylate	10.863	69	646	0.047	ug/l #	1
60) Dibromochloromethane	11.486	129	782	0.086	ug/l #	11
64) Tetrachloroethene	10.969	164	66	0.007	ug/l #	1
65) Chlorobenzene	11.774	112	428	0.016	ug/l #	58
67) Ethyl Benzene	11.845	91	838	0.018	ug/l #	44
68) m/p-Xylenes	11.951	106	710	0.040	ug/l	96
69) o-Xylene	12.274	106	62	0.003	ug/l #	1
70) Styrene	12.280	104	682	0.025	ug/l #	72
73) Isopropylbenzene	12.580	105	443	0.011	ug/l #	48
74) N-amyl acetate	12.351	43	1973	0.156	ug/l #	42
75) 1,1,2,2-Tetrachloroethane	12.739	83	219	0.016	ug/l #	1
77) Bromobenzene	12.863	156	75	0.007	ug/l #	1
78) n-propylbenzene	12.916	91	1058	0.024	ug/l #	62
79) 2-Chlorotoluene	13.110	91	1014	0.036	ug/l	71
80) 1,3,5-Trimethylbenzene	13.057	105	1884	0.057	ug/l	89

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

82) 4-Chlorotoluene	13.110	91	1014	0.039	ug/l	71
83) tert-Butylbenzene	13.316	119	118	0.004	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.363	105	950	0.030	ug/l #	63
85) sec-Butylbenzene	13.504	105	449	0.011	ug/l #	56
86) p-Isopropyltoluene	13.604	119	534	0.017	ug/l #	76
87) 1,3-Dichlorobenzene	13.604	146	508	0.030	ug/l	89
88) 1,4-Dichlorobenzene	13.604	146	508	0.030	ug/l	89
89) n-Butylbenzene	13.939	91	1074	0.045	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	398	0.024	ug/l #	42
93) 1,2,4-Trichlorobenzene	15.262	180	468	0.064	ug/l #	80
94) Hexachlorobutadiene	15.362	225	61	0.013	ug/l #	18
96) 1,2,3-Trichlorobenzene	15.692	180	266	0.036	ug/l #	81

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

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