

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071631.D
 Acq On : 29 Mar 2022 14:55
 Operator : JC\MD
 Sample : PB143701TB
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701TB

Quant Time: Mar 30 06:04:37 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	647605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1091069	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1082509	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	401146	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	372888	48.022	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.040%
35) Dibromofluoromethane	8.022	113	309548	46.196	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.400%
50) Toluene-d8	10.433	98	1361607	49.262	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.727	95	456540	50.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	101.260%

Target Compounds				Qvalue		
4) Vinyl Chloride	2.446	62	194	0.023	ug/l #	1
7) Trichlorofluoromethane	3.387	101	73	0.007	ug/l #	18
8) Diethyl Ether	3.816	74	100	0.024	ug/l #	1
10) Methyl Iodide	4.416	142	1304	0.147	ug/l #	44
12) 1,1-Dichloroethene	4.187	96	56	0.010	ug/l #	1
14) Allyl chloride	4.828	41	87	0.009	ug/l #	75
16) Acetone	4.293	43	20910	6.532	ug/l	99
20) Methylene Chloride	5.098	84	59441	8.401	ug/l	95
21) trans-1,2-Dichloroethene	5.616	96	475	0.076	ug/l #	73
22) Diisopropyl ether	6.593	45	64	0.003	ug/l #	7
23) Vinyl Acetate	6.445	43	1081	0.065	ug/l #	68
27) cis-1,2-Dichloroethene	7.322	96	74	0.010	ug/l #	1
30) Chloroform	7.810	83	58	0.005	ug/l #	18
32) 1,1,1-Trichloroethane	8.075	97	60	0.006	ug/l #	1
37) Ethyl Acetate	7.416	43	1358	0.129	ug/l #	67
39) Methylcyclohexane	9.457	83	266	0.022	ug/l #	19
40) Benzene	8.457	78	1273	0.043	ug/l #	89
41) Methacrylonitrile	7.622	41	331	0.065	ug/l #	16
42) 1,2-Dichloroethane	8.528	62	1598	0.156	ug/l #	74
43) Isopropyl Acetate	8.557	43	67193	4.096	ug/l #	89
44) Trichloroethene	9.204	130	508	0.065	ug/l	93
46) Dibromomethane	9.586	93	54	0.011	ug/l #	1
47) Bromodichloromethane	9.751	83	57	0.006	ug/l #	26
52) Toluene	10.498	92	3592	0.189	ug/l	85
53) t-1,3-Dichloropropene	10.710	75	570	0.053	ug/l #	58
55) 1,1,2-Trichloroethane	10.886	97	377	0.049	ug/l #	34
56) Ethyl methacrylate	10.763	69	921	0.080	ug/l #	28
60) Dibromochloromethane	10.980	129	491	0.064	ug/l #	11
61) 1,2-Dibromoethane	11.339	107	353	0.046	ug/l #	79
64) Tetrachloroethene	10.975	164	653	0.087	ug/l #	78
65) Chlorobenzene	11.769	112	2206	0.098	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.839	131	120	0.015	ug/l #	8
67) Ethyl Benzene	11.839	91	3081	0.079	ug/l #	84
68) m/p-Xylenes	11.951	106	2425	0.164	ug/l	81
69) o-Xylene	12.274	106	1266	0.085	ug/l	90
70) Styrene	12.292	104	2522	0.111	ug/l	95

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

73) Isopropylbenzene	12.569	105	2596	0.074	ug/l	88
75) 1,1,2,2-Tetrachloroethane	12.833	83	1283	0.109	ug/l #	93
77) Bromobenzene	12.851	156	1341	0.152	ug/l	93
78) n-propylbenzene	12.916	91	6008	0.159	ug/l	96
79) 2-Chlorotoluene	13.004	91	2728	0.115	ug/l	93
83) tert-Butylbenzene	13.316	119	2190	0.086	ug/l	94
84) 1,2,4-Trimethylbenzene	13.369	105	4102	0.151	ug/l	94
85) sec-Butylbenzene	13.492	105	4008	0.119	ug/l	100
86) p-Isopropyltoluene	13.604	119	4269	0.160	ug/l	94
90) Hexachloroethane	14.192	117	55	0.011	ug/l #	1
92) 1,2-Dibromo-3-Chloropr...	14.604	75	362	0.178	ug/l #	66

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

