

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071632.D
 Acq On : 29 Mar 2022 15:19
 Operator : JC\MD
 Sample : PB143701ZHE#01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#01

Quant Time: Mar 30 06:04:54 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	774595	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1309371	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1329929	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	511255	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	446967	48.125	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	96.260%
35) Dibromofluoromethane	8.016	113	372393	46.309	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.620%
50) Toluene-d8	10.433	98	1646946	49.651	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	99.300%
62) 4-Bromofluorobenzene	12.727	95	573400	52.990	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	105.980%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.075	85	58	0.008	ug/l #	43
4) Vinyl Chloride	2.446	62	68	0.007	ug/l #	43
8) Diethyl Ether	3.816	74	60	0.012	ug/l #	1
10) Methyl Iodide	4.434	142	1688	0.159	ug/l #	73
11) Tert butyl alcohol	5.340	59	142	0.087	ug/l #	72
14) Allyl chloride	4.840	41	108	0.010	ug/l #	24
15) Acrylonitrile	5.551	53	117	0.026	ug/l #	17
16) Acetone	4.293	43	21617	5.646	ug/l	97
17) Carbon Disulfide	4.528	76	1044	0.060	ug/l #	75
20) Methylene Chloride	5.093	84	60340	7.130	ug/l	98
22) Diisopropyl ether	6.751	45	57	0.002	ug/l #	34
23) Vinyl Acetate	6.428	43	132	0.007	ug/l #	68
29) Tetrahydrofuran	7.681	42	593	0.153	ug/l #	45
30) Chloroform	8.081	83	150	0.010	ug/l #	18
37) Ethyl Acetate	7.416	43	1164	0.092	ug/l #	67
40) Benzene	8.457	78	646	0.018	ug/l #	51
41) Methacrylonitrile	7.681	41	841	0.137	ug/l #	30
42) 1,2-Dichloroethane	8.522	62	1234	0.101	ug/l #	74
43) Isopropyl Acetate	8.557	43	93711	4.726	ug/l #	81
44) Trichloroethene	9.216	130	319	0.034	ug/l	3
52) Toluene	10.498	92	3042	0.133	ug/l	89
53) t-1,3-Dichloropropene	10.710	75	206	0.016	ug/l #	43
56) Ethyl methacrylate	10.880	69	735	0.054	ug/l #	1
60) Dibromochloromethane	11.480	129	686	0.074	ug/l #	11
64) Tetrachloroethene	10.969	164	74	0.008	ug/l #	79
65) Chlorobenzene	11.769	112	1196	0.043	ug/l #	84
67) Ethyl Benzene	11.839	91	1326	0.028	ug/l #	87
68) m/p-Xylenes	11.951	106	1091	0.060	ug/l	93
69) o-Xylene	12.274	106	564	0.031	ug/l	92
70) Styrene	12.286	104	960	0.034	ug/l #	85
73) Isopropylbenzene	12.574	105	788	0.018	ug/l #	64
74) N-amyl acetate	12.380	43	2222	0.164	ug/l #	78
75) 1,1,2,2-Tetrachloroethane	12.822	83	397	0.027	ug/l #	73
77) Bromobenzene	12.863	156	812	0.072	ug/l	56
78) n-propylbenzene	12.916	91	1904	0.039	ug/l	97
79) 2-Chlorotoluene	13.110	91	2106	0.070	ug/l	95

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

80) 1,3,5-Trimethylbenzene	13.051	105	5354	0.152	ug/l	97
82) 4-Chlorotoluene	13.110	91	2106	0.075	ug/l	94
83) tert-Butylbenzene	13.316	119	609	0.019	ug/l #	27
84) 1,2,4-Trimethylbenzene	13.357	105	1888	0.055	ug/l	88
85) sec-Butylbenzene	13.492	105	1083	0.025	ug/l #	70
86) p-Isopropyltoluene	13.610	119	1256	0.037	ug/l #	70
87) 1,3-Dichlorobenzene	13.610	146	1619	0.089	ug/l	75
88) 1,4-Dichlorobenzene	13.610	146	1619	0.090	ug/l	76
89) n-Butylbenzene	13.939	91	2621	0.102	ug/l	93
90) Hexachloroethane	13.945	117	66	0.010	ug/l #	9
91) 1,2-Dichlorobenzene	13.980	146	1315	0.074	ug/l	90
93) 1,2,4-Trichlorobenzene	15.263	180	1551	0.197	ug/l	91
94) Hexachlorobutadiene	15.357	225	271	0.055	ug/l #	18
96) 1,2,3-Trichlorobenzene	15.692	180	1493	0.190	ug/l	99

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

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