

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071633.D
 Acq On : 29 Mar 2022 15:43
 Operator : JC\MD
 Sample : PB143701ZHE#02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 PB143701ZHE#02

Quant Time: Mar 30 06:05:08 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	770909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1304142	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1313762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	511673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	441725	47.788	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.580%		
35) Dibromofluoromethane	8.022	113	370955	46.315	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	92.620%		
50) Toluene-d8	10.439	98	1636499	49.534	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	99.060%		
62) 4-Bromofluorobenzene	12.727	95	565831	52.500	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	105.000%		
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.440	62	56	0.006	ug/l #	1
5) Bromomethane	2.816	94	55	0.009	ug/l #	2
8) Diethyl Ether	3.810	74	56	0.011	ug/l #	7
10) Methyl Iodide	4.434	142	1364	0.129	ug/l #	61
11) Tert butyl alcohol	5.345	59	66	0.040	ug/l #	72
12) 1,1-Dichloroethene	4.181	96	59	0.009	ug/l #	1
14) Allyl chloride	4.845	41	113	0.010	ug/l #	24
15) Acrylonitrile	5.551	53	67	0.015	ug/l #	17
16) Acetone	4.293	43	21638	5.679	ug/l	93
17) Carbon Disulfide	4.540	76	1420	0.082	ug/l #	75
20) Methylene Chloride	5.093	84	59097	7.017	ug/l	96
23) Vinyl Acetate	6.439	43	55	0.003	ug/l #	68
32) 1,1,1-Trichloroethane	8.092	97	54	0.004	ug/l #	1
37) Ethyl Acetate	7.439	43	334	0.027	ug/l #	67
40) Benzene	8.457	78	112	0.003	ug/l #	1
41) Methacrylonitrile	7.692	41	624	0.102	ug/l #	24
42) 1,2-Dichloroethane	8.522	62	1687	0.138	ug/l #	74
43) Isopropyl Acetate	8.557	43	146743	7.310	ug/l #	74
44) Trichloroethene	9.216	130	70	0.008	ug/l	3
52) Toluene	10.510	92	2752	0.121	ug/l	90
53) t-1,3-Dichloropropene	10.710	75	192	0.015	ug/l #	1
56) Ethyl methacrylate	10.869	69	901	0.066	ug/l #	1
60) Dibromochloromethane	11.486	129	733	0.080	ug/l #	11
65) Chlorobenzene	11.763	112	658	0.024	ug/l #	34
67) Ethyl Benzene	11.839	91	1204	0.025	ug/l #	44
68) m/p-Xylenes	11.945	106	810	0.045	ug/l	85
69) o-Xylene	12.269	106	241	0.013	ug/l #	31
70) Styrene	12.286	104	729	0.026	ug/l #	81
73) Isopropylbenzene	12.574	105	590	0.013	ug/l #	48
74) N-amyl acetate	12.363	43	2138	0.157	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.810	83	115	0.008	ug/l #	59
77) Bromobenzene	12.857	156	277	0.025	ug/l	81
78) n-propylbenzene	12.921	91	1538	0.032	ug/l	87
79) 2-Chlorotoluene	13.098	91	1308	0.043	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	4398	0.124	ug/l	88
82) 4-Chlorotoluene	13.098	91	1308	0.046	ug/l	99

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

83) tert-Butylbenzene	13.315	119	333	0.010	ug/l #	43
84) 1,2,4-Trimethylbenzene	13.363	105	1175	0.034	ug/l	74
85) sec-Butylbenzene	13.492	105	890	0.021	ug/l #	56
86) p-Isopropyltoluene	13.604	119	476	0.014	ug/l	86
87) 1,3-Dichlorobenzene	13.604	146	1004	0.055	ug/l	90
88) 1,4-Dichlorobenzene	13.604	146	1004	0.056	ug/l	92
89) n-Butylbenzene	13.939	91	2024	0.079	ug/l	96
91) 1,2-Dichlorobenzene	13.986	146	688	0.039	ug/l #	63
93) 1,2,4-Trichlorobenzene	15.257	180	1046	0.133	ug/l	88
96) 1,2,3-Trichlorobenzene	15.692	180	1117	0.142	ug/l	78

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

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