

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032822\
 Data File : VN071618.D
 Acq On : 28 Mar 2022 21:33
 Operator : JC\MD
 Sample : N2130-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SOIL-REF-6

Quant Time: Mar 29 09:51:19 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	8.080	168	680912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1135879	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1091446	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	381530	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	390135	47.786	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	95.580%
35) Dibromofluoromethane	8.022	113	324316	46.490	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.980%
50) Toluene-d8	10.439	98	1382575	48.047	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.727	95	442189	47.106	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	94.220%

Target Compounds				Qvalue		
4) Vinyl Chloride	2.440	62	118	0.014	ug/l #	1
7) Trichlorofluoromethane	3.387	101	53	0.005	ug/l #	18
10) Methyl Iodide	4.440	142	1105	0.119	ug/l #	74
12) 1,1-Dichloroethene	4.169	96	60	0.010	ug/l #	1
13) Acrolein	4.040	56	140	0.116	ug/l #	68
14) Allyl chloride	4.834	41	113	0.012	ug/l #	24
15) Acrylonitrile	5.563	53	137	0.034	ug/l #	78
17) Carbon Disulfide	4.540	76	1936	0.127	ug/l #	75
22) Diisopropyl ether	6.257	45	56	0.003	ug/l #	34
23) Vinyl Acetate	6.445	43	117	0.007	ug/l #	68
25) 2-Butanone	7.328	43	360	0.069	ug/l #	45
29) Tetrahydrofuran	7.704	42	475	0.140	ug/l #	45
30) Chloroform	7.828	83	53	0.004	ug/l #	18
37) Ethyl Acetate	7.363	43	607	0.055	ug/l #	67
40) Benzene	8.457	78	488	0.016	ug/l #	51
41) Methacrylonitrile	7.686	41	76	0.014	ug/l #	16
42) 1,2-Dichloroethane	8.527	62	859	0.081	ug/l #	74
44) Trichloroethene	9.210	130	135	0.017	ug/l	3
47) Bromodichloromethane	9.745	83	53	0.005	ug/l #	26
51) 4-Methyl-2-Pentanone	10.322	43	1009	0.094	ug/l #	33
52) Toluene	10.492	92	532	0.027	ug/l	89
53) t-1,3-Dichloropropene	10.716	75	63	0.006	ug/l #	1
54) cis-1,3-Dichloropropene	10.180	75	58	0.005	ug/l #	36
56) Ethyl methacrylate	10.763	69	54	0.005	ug/l #	1
57) 1,3-Dichloropropane	11.027	76	53	0.004	ug/l #	42
60) Dibromochloromethane	10.969	129	131	0.016	ug/l #	11
64) Tetrachloroethene	10.986	164	69	0.009	ug/l #	1
65) Chlorobenzene	11.757	112	841	0.037	ug/l #	43
67) Ethyl Benzene	11.845	91	1041	0.026	ug/l #	83
68) m/p-Xylenes	11.939	106	814	0.054	ug/l	84
69) o-Xylene	12.280	106	210	0.014	ug/l	59
70) Styrene	12.286	104	796	0.035	ug/l #	35
73) Isopropylbenzene	12.580	105	531	0.016	ug/l #	60
74) N-amyl acetate	12.386	43	1105	0.109	ug/l #	52
75) 1,1,2,2-Tetrachloroethane	12.833	83	131	0.012	ug/l #	75
77) Bromobenzene	12.857	156	313	0.037	ug/l #	23

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

78) n-propylbenzene	12.915	91	1733	0.048	ug/l	93
79) 2-Chlorotoluene	12.998	91	841	0.037	ug/l #	66
80) 1,3,5-Trimethylbenzene	13.063	105	721	0.027	ug/l	87
82) 4-Chlorotoluene	13.092	91	1586	0.075	ug/l #	57
83) tert-Butylbenzene	13.315	119	391	0.016	ug/l #	84
84) 1,2,4-Trimethylbenzene	13.362	105	1063	0.041	ug/l	82
85) sec-Butylbenzene	13.498	105	1169	0.037	ug/l #	67
86) p-Isopropyltoluene	13.615	119	793	0.031	ug/l	88
87) 1,3-Dichlorobenzene	13.610	146	1029	0.076	ug/l	91
88) 1,4-Dichlorobenzene	13.610	146	1029	0.077	ug/l	89
89) n-Butylbenzene	13.939	91	1836	0.096	ug/l	85
91) 1,2-Dichlorobenzene	13.986	146	1096	0.083	ug/l	81
94) Hexachlorobutadiene	15.362	225	120	0.032	ug/l #	56
96) 1,2,3-Trichlorobenzene	15.709	180	907	0.155	ug/l	82

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

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