

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051421\
 Data File : VN067087.D
 Acq On : 14 May 2021 20:28
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: May 17 15:21:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051421W.M
 Quant Title : SW846 8260
 QLast Update : Mon May 17 15:13:27 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.600	168	604515	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.525	114	855427	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.360	117	726136	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.304	152	281800	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.959	65	276929	42.40	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	84.80%
35) Dibromofluoromethane	7.522	113	259067	46.12	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	92.24%
50) Toluene-d8	10.037	98	999704	46.96	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	93.92%
62) 4-Bromofluorobenzene	12.360	95	309603	43.42	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	86.84%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.857	85	1477	0.27	ug/l	83
3) Chloromethane	2.056	50	2571	0.39	ug/l #	81
5) Bromomethane	2.539	94	967	0.21	ug/l #	70
7) Trichlorofluoromethane	2.992	101	1731	0.20	ug/l #	66
11) Tert butyl alcohol	4.714	59	806	0.74	ug/l #	83
13) Acrolein	3.566	56	2906	7.24	ug/l #	23
15) Acrylonitrile	4.915	53	781	0.32	ug/l #	34
16) Acetone	3.783	43	2301	1.13	ug/l	95
17) Carbon Disulfide	4.003	76	14385	0.94	ug/l	97
20) Methylene Chloride	4.478	84	1818	0.25	ug/l	87
21) trans-1,2-Dichloroethene	4.969	96	2093	0.34	ug/l #	74
29) Tetrahydrofuran	7.133	42	431	0.22	ug/l #	28
31) Cyclohexane	7.597	56	10628	1.18	ug/l #	1
36) 1,1-Dichloropropene	7.720	75	2784	0.36	ug/l #	70
38) Carbon Tetrachloride	7.600	117	50257	6.05	ug/l #	14
39) Methylcyclohexane	9.016	83	2531	0.28	ug/l #	85
42) 1,2-Dichloroethane	8.058	62	1557	0.20	ug/l	91
44) Trichloroethene	8.780	130	2390	0.35	ug/l	89
49) 1,4-Dioxane	9.144	88	236	2.90	ug/l #	70
51) 4-Methyl-2-Pentanone	9.938	43	7547	1.20	ug/l #	64
52) Toluene	10.099	92	3497	0.23	ug/l	86
53) t-1,3-Dichloropropene	10.343	75	2131	0.23	ug/l #	69
58) 2-Chloroethyl Vinyl ether	9.659	63	492	0.42	ug/l #	45
61) 1,2-Dibromoethane	10.968	107	1237	0.20	ug/l	83
64) Tetrachloroethene	10.579	164	2548	0.40	ug/l	82
65) Chlorobenzene	11.384	112	6093	0.38	ug/l	92
67) Ethyl Benzene	11.470	91	7437	0.27	ug/l	97
68) m/p-Xylenes	11.582	106	7348	0.70	ug/l	75
69) o-Xylene	11.912	106	3216	0.30	ug/l	87
70) Styrene	11.952	104	4256	0.26	ug/l #	75
73) Isopropylbenzene	12.210	105	9195	0.39	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.470	83	2757	0.39	ug/l #	70
76) 1,2,3-Trichloropropane	12.360	75	140185	23.92	ug/l #	100
77) Bromobenzene	12.483	156	4112	0.70	ug/l	83
78) n-propylbenzene	12.561	91	7292	0.31	ug/l #	34
79) 2-Chlorotoluene	12.639	91	5317	0.37	ug/l	73

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

80) 1,3,5-Trimethylbenzene	12.703	105	9807	0.50	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.360	75	140185	83.03	ug/l #	15
82) 4-Chlorotoluene	12.757	91	9313	0.68	ug/l	79
83) tert-Butylbenzene	12.955	119	8873	0.48	ug/l	96
84) 1,2,4-Trimethylbenzene	13.006	105	12978	0.72	ug/l	99
85) sec-Butylbenzene	13.132	105	16488	0.74	ug/l	97
86) p-Isopropyltoluene	13.253	119	18395	0.96	ug/l	95
87) 1,3-Dichlorobenzene	13.245	146	9387	0.99	ug/l	99
88) 1,4-Dichlorobenzene	13.245	146	9387	0.95	ug/l	99
89) n-Butylbenzene	13.599	91	27990	2.00	ug/l #	59
90) Hexachloroethane	13.835	117	1284	0.37	ug/l #	22
91) 1,2-Dichlorobenzene	13.631	146	12708	1.32	ug/l	70
92) 1,2-Dibromo-3-Chloropr...	14.254	75	1076	1.02	ug/l	80
93) 1,2,4-Trichlorobenzene	14.881	180	25639	5.13	ug/l	98
94) Hexachlorobutadiene	14.967	225	6704	1.95	ug/l	97
95) Naphthalene	15.098	128	101502	10.17	ug/l	98
96) 1,2,3-Trichlorobenzene	15.273	180	34059	7.66	ug/l	99

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

