Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013124\
Data File : BN029471.D
Acq On : 01 Feb 2024 04:59
Operator : MA/JU
Sample : 04699-09
Misc : MDL-MDL-WATER-0.1NG
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT4-2023

Quant Time: Feb 01 07:13:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 01 01:51:59 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.898	152	3885	0.400	ng		0.00
7) Naphthalene-d8	10.690	136	10537	0.400	ng		0.00
13) Acenaphthene-d10	14.532	164	4965	0.400	ng		0.00
19) Phenanthrene-d10	17.280	188	9745	0.400	ng	#	0.00
29) Chrysene-d12	21.483	240	6757	0.400	ng		0.00
35) Perylene-d12	23.864	264	7076	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.464	112	3313	0.355	ng		0.00
5) Phenol-d6	7.060	99	4204	0.390	ng		0.00
8) Nitrobenzene-d5	9.057	82	3351	0.382	ng		0.00
11) 2-Methylnaphthalene-d10	12.287	152	7661	0.534	ng		0.00
14) 2,4,6-Tribromophenol	16.027	330	550	0.345	ng		0.00
15) 2-Fluorobiphenyl	13.164	172	7338	0.344	ng		0.00
27) Fluoranthene-d10	19.322	212	13827	0.586	ng		0.00
31) Terphenyl-d14	19.931	244	5754	0.343	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.377	88	949	0.174	ng		90
3) n-Nitrosodimethylamine	3.723	42	388	0.087	ng	#	87
6) bis(2-Chloroethyl)ether	7.334	93	1156	0.113	ng		98
9) Naphthalene	10.744	128	3243	0.108	ng		96
10) Hexachlorobutadiene	11.021	225	531	0.093	ng	#	100
12) 2-Methylnaphthalene	12.359	142	1774	0.101	ng		98
16) Acenaphthylene	14.254	152	2421	0.103	ng		99
17) Acenaphthene	14.597	154	1545	0.098	ng		98
18) Fluorene	15.580	166	1914	0.096	ng		98
20) 4,6-Dinitro-2-methylph...	15.667	198	108	0.075	ng	#	11
21) 4-Bromophenyl-phenylether	16.486	248	565	0.097	ng	#	84
22) Hexachlorobenzene	16.585	284	689	0.097	ng		98
23) Atrazine	16.759	200	389	0.094	ng	#	86
24) Pentachlorophenol	16.933	266	168	0.075	ng		97
25) Phenanthrene	17.330	178	2886	0.100	ng		100
26) Anthracene	17.417	178	2406	0.098	ng		99
28) Fluoranthene	19.350	202	2978	0.092	ng		97
30) Pyrene	19.712	202	2944	0.095	ng		99
32) Benzo(a)anthracene	21.474	228	2138	0.093	ng		97
33) Chrysene	21.519	228	2363	0.090	ng		97
34) Bis(2-ethylhexyl)phtha...	21.420	149	1832	0.116	ng		95
36) Indeno(1,2,3-cd)pyrene	26.332	276	2349	0.083	ng	#	79
37) Benzo(b)fluoranthene	23.145	252	2137	0.084	ng	#	68
38) Benzo(k)fluoranthene	23.195	252	2139	0.081	ng	#	56
39) Benzo(a)pyrene	23.765	252	1794	0.081	ng	#	56
40) Dibenzo(a,h)anthracene	26.364	278	1831	0.081	ng	#	70
41) Benzo(g,h,i)perylene	27.086	276	2184	0.079	ng	#	88

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

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