Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024309.D
Acq On : 16 Mar 2023 13:03
Operator : CG/JU
Sample : 01627-09
Misc : MDL-MDL-WATER 0.1ng
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT1-2023

Quant Time: Mar 17 04:41:28 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.040	152	9452	0.400	ng		0.00
7) Naphthalene-d8	10.856	136	27254	0.400	ng	#	0.00
13) Acenaphthene-d10	14.675	164	12421	0.400	ng		0.00
19) Phenanthrene-d10	17.413	188	25187	0.400	ng	#	0.00
29) Chrysene-d12	21.610	240	17187	0.400	ng	#	0.00
35) Perylene-d12	24.117	264	13677	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.584	112	6083	0.291	ng		0.00
5) Phenol-d6	7.188	99	7942	0.295	ng		0.00
8) Nitrobenzene-d5	9.201	82	5708	0.313	ng		0.00
11) 2-Methylnaphthalene-d10	12.441	152	12015	0.359	ng		0.00
14) 2,4,6-Tribromophenol	16.159	330	1384	0.218	ng		0.00
15) 2-Fluorobiphenyl	13.307	172	14205	0.303	ng		0.00
27) Fluoranthene-d10	19.446	212	19610	0.367	ng		0.00
31) Terphenyl-d14	20.034	244	8437	0.291	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.439	88	1033	0.100	ng	#	94
3) n-Nitrosodimethylamine	3.772	42	1470	0.097	ng		87
6) bis(2-Chloroethyl)ether	7.455	93	2336	0.088	ng		94
9) Naphthalene	10.909	128	5800	0.084	ng		97
10) Hexachlorobutadiene	11.197	225	1130	0.086	ng	#	97
12) 2-Methylnaphthalene	12.512	142	3459	0.074	ng		98
16) Acenaphthylene	14.397	152	4461	0.076	ng		100
17) Acenaphthene	14.740	154	3011	0.080	ng		97
18) Fluorene	15.712	166	3457	0.077	ng		98
20) 4,6-Dinitro-2-methylph...	15.787	198	147	0.209	ng	#	1
21) 4-Bromophenyl-phenylether	16.606	248	1058	0.071	ng	#	81
22) Hexachlorobenzene	16.730	284	1550	0.084	ng		97
23) Atrazine	16.867	200	643	0.068	ng	#	84
24) Pentachlorophenol	17.065	266	228	0.149	ng		91
25) Phenanthrene	17.463	178	5997	0.080	ng		99
26) Anthracene	17.549	178	4925	0.072	ng		100
28) Fluoranthene	19.476	202	5988	0.073	ng		98
30) Pyrene	19.838	202	5910	0.085	ng		100
32) Benzo(a)anthracene	21.592	228	4391	0.077	ng		98
33) Chrysene	21.646	228	5154	0.084	ng		100
34) Bis(2-ethylhexyl)phtha...	21.502	149	2230	0.083	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.743	276	3680	0.072	ng		97
37) Benzo(b)fluoranthene	23.351	252	4395	0.083	ng	#	69
38) Benzo(k)fluoranthene	23.395	252	4203	0.077	ng	#	72
39) Benzo(a)pyrene	24.009	252	3298	0.068	ng	#	52
40) Dibenzo(a,h)anthracene	26.769	278	2686	0.068	ng	#	76
41) Benzo(g,h,i)perylene	27.553	276	3462	0.075	ng	#	88

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

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