Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081324\
Data File : BN033362.D
Acq On : 13 Aug 2024 12:27
Operator : MA/JU
Sample : P3390-09
Misc : MDL-MDL-WATER-0.1ng
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2024

Quant Time: Aug 13 12:52:06 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 12 01:09:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.573	152	4411	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	12058	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	6983	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	17465	0.400	ng	#	0.00
29) Chrysene-d12	21.166	240	13286	0.400	ng		0.00
35) Perylene-d12	23.349	264	13724	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.197	112	3305	0.271	ng		0.00
5) Phenol-d6	6.750	99	4806	0.292	ng		0.00
8) Nitrobenzene-d5	8.705	82	3240	0.356	ng		0.00
11) 2-Methylnaphthalene-d10	11.936	152	9659	0.521	ng		0.00
14) 2,4,6-Tribromophenol	15.705	330	930	0.260	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	10259	0.358	ng		0.00
27) Fluoranthene-d10	18.998	212	24465	0.524	ng		0.00
31) Terphenyl-d14	19.616	244	9619	0.383	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	713	0.145	ng		98
3) n-Nitrosodimethylamine	3.492	42	684	0.108	ng	#	90
6) bis(2-Chloroethyl)ether	7.010	93	1470	0.110	ng		96
9) Naphthalene	10.392	128	3592	0.108	ng	#	94
10) Hexachlorobutadiene	10.690	225	687	0.108	ng	#	99
12) 2-Methylnaphthalene	12.012	142	2354	0.105	ng		95
16) Acenaphthylene	13.924	152	3343	0.103	ng		100
17) Acenaphthene	14.266	154	2302	0.103	ng		97
18) Fluorene	15.260	166	3044	0.103	ng		99
20) 4,6-Dinitro-2-methylph...	15.335	198	174	0.082	ng	#	1
21) 4-Bromophenyl-phenylether	16.164	248	1013	0.097	ng	#	87
22) Hexachlorobenzene	16.263	284	1202	0.103	ng		93
23) Atrazine	16.437	200	712	0.086	ng	#	91
24) Pentachlorophenol	16.611	266	215	0.045	ng		96
25) Phenanthrene	16.996	178	5353	0.106	ng		99
26) Anthracene	17.082	178	4483	0.100	ng		99
28) Fluoranthene	19.026	202	6074	0.098	ng		98
30) Pyrene	19.393	202	6150	0.116	ng		100
32) Benzo(a)anthracene	21.148	228	4823	0.097	ng		98
33) Chrysene	21.202	228	5442	0.109	ng		99
34) Bis(2-ethylhexyl)phtha...	21.121	149	2776	0.123	ng	#	98
36) Indeno(1,2,3-cd)pyrene	25.516	276	4675	0.082	ng		95
37) Benzo(b)fluoranthene	22.700	252	4978	0.096	ng	#	86
38) Benzo(k)fluoranthene	22.741	252	5234	0.099	ng	#	87
39) Benzo(a)pyrene	23.250	252	3795	0.087	ng	#	80
40) Dibenzo(a,h)anthracene	25.539	278	3675	0.082	ng	#	84
41) Benzo(g,h,i)perylene	26.168	276	4208	0.085	ng	#	89

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

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