Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081224\
Data File : BN033352.D
Acq On : 12 Aug 2024 15:24
Operator : MA/JU
Sample : P3390-07
Misc : LOD-MDL-WATER-0.2ng
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
LOD-MDL-WATER-01-QT3-2024

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/12/2024
Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 15:51:35 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	7.580	152	4250	0.400	ng		0.00
7) Naphthalene-d8	10.338	136	11907	0.400	ng		0.00
13) Acenaphthene-d10	14.212	164	7124	0.400	ng		0.00
19) Phenanthrene-d10	16.958	188	17676	0.400	ng		0.00
29) Chrysene-d12	21.165	240	14385	0.400	ng		0.00
35) Perylene-d12	23.346	264	15149	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.196	112	3479	0.296	ng		0.00
5) Phenol-d6	6.749	99	5126	0.323	ng		0.00
8) Nitrobenzene-d5	8.704	82	3226	0.359	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	10063	0.549	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	1025	0.280	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	10301	0.353	ng		0.00
27) Fluoranthene-d10	19.002	212	26493	0.561	ng		0.00
31) Terphenyl-d14	19.615	244	9943	0.366	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	1103m	0.234	ng		
3) n-Nitrosodimethylamine	3.485	42	1365	0.224	ng		91
6) bis(2-Chloroethyl)ether	7.009	93	2905	0.226	ng		97
9) Naphthalene	10.391	128	7253	0.221	ng		99
10) Hexachlorobutadiene	10.690	225	1379	0.220	ng	#	99
12) 2-Methylnaphthalene	12.011	142	4833	0.218	ng		99
16) Acenaphthylene	13.924	152	7149	0.215	ng		100
17) Acenaphthene	14.276	154	4847	0.212	ng		98
18) Fluorene	15.260	166	6466	0.215	ng		98
20) 4,6-Dinitro-2-methylph...	15.335	198	388	0.181	ng	#	31
21) 4-Bromophenyl-phenylether	16.164	248	2175	0.206	ng	#	90
22) Hexachlorobenzene	16.275	284	2547	0.215	ng		96
23) Atrazine	16.437	200	1525	0.182	ng	#	89
24) Pentachlorophenol	16.611	266	963	0.201	ng		96
25) Phenanthrene	16.995	178	11262	0.221	ng		100
26) Anthracene	17.095	178	9579	0.212	ng		99
28) Fluoranthene	19.030	202	12751	0.203	ng		99
30) Pyrene	19.392	202	12560	0.219	ng		100
32) Benzo(a)anthracene	21.148	228	10714	0.199	ng		99
33) Chrysene	21.201	228	12130	0.224	ng		100
34) Bis(2-ethylhexyl)phtha...	21.130	149	4852	0.199	ng		99
36) Indeno(1,2,3-cd)pyrene	25.521	276	10730	0.171	ng		97
37) Benzo(b)fluoranthene	22.700	252	11016	0.193	ng	#	95
38) Benzo(k)fluoranthene	22.744	252	11854	0.204	ng	#	94
39) Benzo(a)pyrene	23.252	252	8461	0.176	ng	#	93
40) Dibenzo(a,h)anthracene	25.539	278	8544	0.173	ng		93
41) Benzo(g,h,i)perylene	26.170	276	9482	0.173	ng		95

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

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