Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030624\
Data File : BN030290.D
Acq On : 06 Mar 2024 12:21
Operator : MA/JU
Sample : P1615-08MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE105D1-20240226MS

Quant Time: Mar 06 12:47:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 05 17:44:16 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.811	152	2376	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	6164	0.400	ng		# 0.00
13) Acenaphthene-d10	14.458	164	3180	0.400	ng		0.00
19) Phenanthrene-d10	17.218	188	6180	0.400	ng		# 0.00
29) Chrysene-d12	21.438	240	4780	0.400	ng		# 0.00
35) Perylene-d12	23.794	264	5442	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	628	0.101	ng		0.00
5) Phenol-d6	6.980	99	398	0.061	ng		0.00
8) Nitrobenzene-d5	8.971	82	1676	0.298	ng		0.00
11) 2-Methylnaphthalene-d10	12.197	152	3345	0.374	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	463	0.283	ng		0.00
15) 2-Fluorobiphenyl	13.078	172	4420	0.335	ng		-0.01
27) Fluoranthene-d10	19.262	212	5641	0.333	ng		0.00
31) Terphenyl-d14	19.875	244	4825	0.389	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.312	88	9247	3.000	ng		96
3) n-Nitrosodimethylamine	3.658	42	352	0.108	ng	#	90
6) bis(2-Chloroethyl)ether	7.248	93	1673	0.322	ng		95
9) Naphthalene	10.648	128	5347	0.311	ng		98
10) Hexachlorobutadiene	10.925	225	1190	0.303	ng	#	99
12) 2-Methylnaphthalene	12.272	142	3451	0.325	ng		96
16) Acenaphthylene	14.180	152	5229	0.341	ng		99
17) Acenaphthene	14.522	154	3089	0.312	ng		99
18) Fluorene	15.505	166	3791	0.318	ng		100
20) 4,6-Dinitro-2-methylph...	15.617	198	375	0.292	ng		88
21) 4-Bromophenyl-phenylether	16.411	248	1321	0.350	ng		87
22) Hexachlorobenzene	16.511	284	1470	0.337	ng		97
23) Atrazine	16.697	200	1177	0.352	ng	#	93
24) Pentachlorophenol	16.871	266	1437	0.631	ng		96
25) Phenanthrene	17.255	178	6356	0.360	ng		99
26) Anthracene	17.355	178	5647	0.348	ng		99
28) Fluoranthene	19.294	202	7195	0.334	ng	#	95
30) Pyrene	19.656	202	7397	0.369	ng		99
32) Benzo(a)anthracene	21.420	228	5994	0.358	ng		99
33) Chrysene	21.474	228	6855	0.378	ng		98
34) Bis(2-ethylhexyl)phtha...	21.376	149	4702	0.352	ng		98
36) Indeno(1,2,3-cd)pyrene	26.221	276	8413	0.369	ng		99
37) Benzo(b)fluoranthene	23.081	252	6637	0.349	ng		95
38) Benzo(k)fluoranthene	23.131	252	6820	0.353	ng		94
39) Benzo(a)pyrene	23.689	252	6152	0.366	ng		90
40) Dibenzo(a,h)anthracene	26.247	278	6500	0.363	ng		95
41) Benzo(g,h,i)perylene	26.961	276	7151	0.346	ng		98

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

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