Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034274.D
Acq On : 27 Sep 2024 12:19
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 13:16:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.394	152	4113	0.400	ng	0.00
7) Naphthalene-d8	10.148	136	11472	0.400	ng	# 0.00
13) Acenaphthene-d10	14.047	164	5504	0.400	ng	0.00
19) Phenanthrene-d10	16.803	188	11468	0.400	ng	0.00
29) Chrysene-d12	21.024	240	7666	0.400	ng	0.00
35) Perylene-d12	23.128	264	7226	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.033	112	4075	0.349	ng	0.00
5) Phenol-d6	6.593	99	3693	0.272	ng	0.00
8) Nitrobenzene-d5	8.536	82	3024	0.345	ng	0.00
11) 2-Methylnaphthalene-d10	11.753	152	5830	0.344	ng	0.00
14) 2,4,6-Tribromophenol	15.549	330	425	0.170	ng	0.00
15) 2-Fluorobiphenyl	12.657	172	8689	0.388	ng	0.00
27) Fluoranthene-d10	18.846	212	10643	0.368	ng	0.00
31) Terphenyl-d14	19.468	244	6183	0.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.039	88	2256	0.439	ng	# 89
3) n-Nitrosodimethylamine	3.343	42	2710	0.463	ng	# 81
6) bis(2-Chloroethyl)ether	6.838	93	3793	0.316	ng	94
9) Naphthalene	10.201	128	12034	0.382	ng	99
10) Hexachlorobutadiene	10.490	225	2458	0.414	ng	# 99
12) 2-Methylnaphthalene	11.829	142	7130	0.348	ng	98
16) Acenaphthylene	13.759	152	8937	0.379	ng	99
17) Acenaphthene	14.101	154	6796	0.402	ng	100
18) Fluorene	15.106	166	8351	0.377	ng	100
20) 4,6-Dinitro-2-methylph...	16.294	198	67	0.169	ng	# 1
21) 4-Bromophenyl-phenylether	16.008	248	2362	0.366	ng	# 87
22) Hexachlorobenzene	16.108	284	2970	0.411	ng	97
23) Atrazine	16.294	200	1646	0.308	ng	# 94
24) Pentachlorophenol	16.468	266	410	0.172	ng	96
25) Phenanthrene	16.840	178	12491	0.379	ng	99
26) Anthracene	16.939	178	9719	0.362	ng	99
28) Fluoranthene	18.873	202	14164	0.371	ng	100
30) Pyrene	19.240	202	14675	0.454	ng	100
32) Benzo(a)anthracene	21.006	228	5534	0.228	ng	100
33) Chrysene	21.059	228	11697m	0.404	ng	
34) Bis(2-ethylhexyl)phtha...	21.006	149	845	0.084	ng	# 65
36) Indeno(1,2,3-cd)pyrene	25.195	276	11230	0.363	ng	99
37) Benzo(b)fluoranthene	22.508	252	10060	0.355	ng	94
38) Benzo(k)fluoranthene	22.549	252	12570	0.423	ng	94
39) Benzo(a)pyrene	23.040	252	8872	0.385	ng	91
40) Dibenzo(a,h)anthracene	25.216	278	8352	0.347	ng	93
41) Benzo(g,h,i)perylene	25.821	276	10391	0.385	ng	98

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

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