Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
Data File : BN030066.D
Acq On : 26 Feb 2024 20:37
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/27/2024
Supervised By :mohammad ahmed 02/28/2024

Quant Time: Feb 26 23:49:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3878	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10230	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	4797	0.400	ng	0.00
19) Phenanthrene-d10	17.255	188	9630	0.400	ng	0.00
29) Chrysene-d12	21.456	240	6893	0.400	ng	# 0.00
35) Perylene-d12	23.815	264	6654	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	4055	0.435	ng	0.00
5) Phenol-d6	7.024	99	4350	0.405	ng	0.00
8) Nitrobenzene-d5	9.014	82	3597	0.422	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	5762	0.414	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	661	0.429	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	8091	0.393	ng	0.00
27) Fluoranthene-d10	19.290	212	10270	0.440	ng	0.00
31) Terphenyl-d14	19.898	244	7275	0.425	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2158	0.395	ng	# 92
3) n-Nitrosodimethylamine	3.694	42	2073	0.466	ng	# 91
6) bis(2-Chloroethyl)ether	7.291	93	4411	0.430	ng	98
9) Naphthalene	10.701	128	12417	0.426	ng	100
10) Hexachlorobutadiene	10.968	225	2464	0.446	ng	# 98
12) 2-Methylnaphthalene	12.318	142	6989	0.408	ng	98
16) Acenaphthylene	14.212	152	8456	0.371	ng	100
17) Acenaphthene	14.554	154	6389	0.418	ng	98
18) Fluorene	15.555	166	7601	0.396	ng	99
20) 4,6-Dinitro-2-methylph...	15.667	198	321	0.227	ng	# 64
21) 4-Bromophenyl-phenylether	16.449	248	2266m	0.395	ng	
22) Hexachlorobenzene	16.548	284	3050	0.434	ng	94
23) Atrazine	16.734	200	1687	0.414	ng	99
24) Pentachlorophenol	16.908	266	909	0.408	ng	99
25) Phenanthrene	17.293	178	11095	0.390	ng	99
26) Anthracene	17.392	178	9261	0.381	ng	100
28) Fluoranthene	19.317	202	13345	0.417	ng	99
30) Pyrene	19.680	202	13503	0.426	ng	100
32) Benzo(a)anthracene	21.438	228	8477	0.360	ng	98
33) Chrysene	21.492	228	11774	0.440	ng	99
34) Bis(2-ethylhexyl)phtha...	21.376	149	5726	0.357	ng	99
36) Indeno(1,2,3-cd)pyrene	26.276	276	11042m	0.413	ng	
37) Benzo(b)fluoranthene	23.098	252	10214	0.429	ng	98
38) Benzo(k)fluoranthene	23.148	252	10182	0.409	ng	97
39) Benzo(a)pyrene	23.715	252	8723	0.421	ng	95
40) Dibenzo(a,h)anthracene	26.314	278	8375	0.393	ng	97
41) Benzo(g,h,i)perylene	27.004	276	10580	0.408	ng	98

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

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