Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028915.D
Acq On : 30 Nov 2023 18:00
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 30 23:57:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 30 23:53:40 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	3796	0.400	ng		0.00
7) Naphthalene-d8	10.605	136	11069	0.400	ng		-0.01
13) Acenaphthene-d10	14.439	164	6444	0.400	ng		-0.01
19) Phenanthrene-d10	17.183	188	14420	0.400	ng		#-0.01
29) Chrysene-d12	21.382	240	6510	0.400	ng		0.00
35) Perylene-d12	23.725	264	7399	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.471	112	35659	3.100	ng		-0.02
5) Phenol-d6	7.074	99	42674	3.347	ng		-0.03
8) Nitrobenzene-d5	9.003	82	36653	3.331	ng		-0.01
11) 2-Methylnaphthalene-d10	12.193	152	60570	3.410	ng		-0.01
14) 2,4,6-Tribromophenol	15.942	330	13276	3.049	ng		-0.01
15) 2-Fluorobiphenyl	13.070	172	90737	3.260	ng		-0.01
27) Fluoranthene-d10	19.222	212	129463	3.413	ng		0.00
31) Terphenyl-d14	19.831	244	90244	3.227	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.391	88	12816	3.448	ng		98
3) n-Nitrosodimethylamine	3.730	42	18729m	3.293	ng		
6) bis(2-Chloroethyl)ether	7.284	93	37123	3.461	ng		97
9) Naphthalene	10.658	128	111312	3.165	ng		98
10) Hexachlorobutadiene	10.925	225	21213	2.954	ng	#	99
12) 2-Methylnaphthalene	12.265	142	73601	3.330	ng		98
16) Acenaphthylene	14.161	152	114007	3.340	ng		99
17) Acenaphthene	14.503	154	72302	3.191	ng		99
18) Fluorene	15.486	166	96519	3.365	ng		99
20) 4,6-Dinitro-2-methylph...	15.582	198	10852	3.428	ng		89
21) 4-Bromophenyl-phenylether	16.389	248	29789	3.003	ng	#	88
22) Hexachlorobenzene	16.476	284	35227	2.892	ng		99
23) Atrazine	16.712	200	27200	3.130	ng		97
24) Pentachlorophenol	16.848	266	18173	3.204	ng		97
25) Phenanthrene	17.233	178	149658	3.143	ng		96
26) Anthracene	17.320	178	142225	3.232	ng		99
28) Fluoranthene	19.250	202	160825	3.248	ng		98
30) Pyrene	19.617	202	156911	3.245	ng		99
32) Benzo(a)anthracene	21.365	228	94897	3.428	ng		93
33) Chrysene	21.418	228	92052	3.387	ng		94
34) Bis(2-ethylhexyl)phtha...	21.329	149	93982	3.212	ng	#	89
36) Indeno(1,2,3-cd)pyrene	26.137	276	110896	3.440	ng		94
37) Benzo(b)fluoranthene	23.014	252	100305	3.314	ng	#	33
38) Benzo(k)fluoranthene	23.061	252	96578	3.382	ng	#	32
39) Benzo(a)pyrene	23.623	252	88035	3.256	ng	#	27
40) Dibenzo(a,h)anthracene	26.163	278	88491	3.547	ng	#	27
41) Benzo(g,h,i)perylene	26.871	276	94535	3.368	ng	#	70

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

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