Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120722\
Data File : BN023088.D
Acq On : 07 Dec 2022 15:03
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 08 02:20:20 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 08 02:17:45 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/08/2022
Supervised By :mohammad ahmed 12/08/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.028	152	7767	0.400	ng		0.00
7) Naphthalene-d8	10.840	136	21565	0.400	ng		0.00
13) Acenaphthene-d10	14.666	164	12804	0.400	ng		0.00
19) Phenanthrene-d10	17.414	188	27341	0.400	ng		0.00
29) Chrysene-d12	21.598	240	25997	0.400	ng		0.00
35) Perylene-d12	24.062	264	19775	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.558	112	88858	4.861	ng		0.00
5) Phenol-d6	7.175	99	120100	5.196	ng		0.00
8) Nitrobenzene-d5	9.185	82	91037	5.636	ng		0.00
11) 2-Methylnaphthalene-d10	12.427	152	236165	5.456	ng		0.00
14) 2,4,6-Tribromophenol	16.148	330	34490	6.314	ng		0.00
15) 2-Fluorobiphenyl	13.298	172	289311	5.114	ng		0.00
27) Fluoranthene-d10	19.439	212	428313	5.692	ng		0.00
31) Terphenyl-d14	20.031	244	261704	4.868	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.398	88	44509m	4.564	ng		
3) n-Nitrosodimethylamine	3.723	42	49478	5.076	ng	#	97
6) bis(2-Chloroethyl)ether	7.443	93	116726	4.689	ng		99
9) Naphthalene	10.893	128	332837	5.200	ng		99
10) Hexachlorobutadiene	11.181	225	59578	4.976	ng	#	99
16) Acenaphthylene	14.388	152	363713	6.030	ng		100
17) Acenaphthene	14.730	154	238558	5.459	ng		97
18) Fluorene	15.714	166	266847	5.086	ng		94
21) 4-Bromophenyl-phenylether	16.608	248	91003	5.383	ng		97
22) Hexachlorobenzene	16.719	284	111146	5.204	ng		99
23) Atrazine	16.868	200	73587	6.093	ng		99
25) Phenanthrene	17.452	178	495846	5.327	ng		100
26) Anthracene	17.538	178	446244	5.953	ng		100
28) Fluoranthene	19.469	202	559922	5.523	ng		99
30) Pyrene	19.831	202	570479	5.109	ng		100
32) Benzo(a)anthracene	21.580	228	543397	5.594	ng		99
33) Chrysene	21.634	228	540379	5.063	ng		99
34) Bis(2-ethylhexyl)phtha...	21.509	149	264768	6.428	ng		99
36) Indeno(1,2,3-cd)pyrene	26.641	276	587206	5.508	ng		99
37) Benzo(b)fluoranthene	23.308	252	500092	5.489	ng	#	94
38) Benzo(k)fluoranthene	23.357	252	517628	5.571	ng	#	95
39) Benzo(a)pyrene	23.951	252	416964	5.641	ng	#	90
40) Dibenzo(a,h)anthracene	26.658	278	464652	5.507	ng		97
41) Benzo(g,h,i)perylene	27.427	276	478017	5.470	ng		97

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

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