Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122722\
Data File : BN023492.D
Acq On : 27 Dec 2022 17:03
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 28 03:36:11 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 03:33:25 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/28/2022
Supervised By :Jagrut Upadhyay 12/28/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.977	152	6212	0.400	ng		0.00
7) Naphthalene-d8	10.797	136	15921	0.400	ng		0.00
13) Acenaphthene-d10	14.623	164	9125	0.400	ng		0.00
19) Phenanthrene-d10	17.377	188	19029	0.400	ng		0.00
29) Chrysene-d12	21.562	240	17943	0.400	ng	#	0.00
35) Perylene-d12	24.006	264	14785	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.522	112	66599	3.862	ng		0.00
5) Phenol-d6	7.139	99	85506	4.151	ng		0.00
8) Nitrobenzene-d5	9.142	82	66248	5.135	ng		0.00
11) 2-Methylnaphthalene-d10	12.386	152	124059	4.547	ng		0.00
14) 2,4,6-Tribromophenol	16.124	330	27237	7.921	ng		0.00
15) 2-Fluorobiphenyl	13.255	172	179156	4.756	ng		0.00
27) Fluoranthene-d10	19.405	212	253010	4.475	ng		0.00
31) Terphenyl-d14	20.000	244	207575	4.841	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.369	88	27706	3.403	ng		96
3) n-Nitrosodimethylamine	3.694	42	35322	4.759	ng		100
6) bis(2-Chloroethyl)ether	7.399	93	77615	4.378	ng		100
9) Naphthalene	10.840	128	206710	4.347	ng		99
10) Hexachlorobutadiene	11.128	225	40717	4.701	ng	#	99
12) 2-Methylnaphthalene	12.458	142	146332	4.630	ng		99
16) Acenaphthylene	14.345	152	217811	4.966	ng		100
17) Acenaphthene	14.688	154	133902m	4.487	ng		
18) Fluorene	15.671	166	189170	4.859	ng		94
20) 4,6-Dinitro-2-methylph...	15.751	198	21662	8.913	ng	#	70
21) 4-Bromophenyl-phenylether	16.570	248	58978	5.331	ng	#	62
22) Hexachlorobenzene	16.682	284	68819	5.618	ng		99
23) Atrazine	16.831	200	48678	5.581	ng		97
25) Phenanthrene	17.414	178	287206	4.476	ng		100
26) Anthracene	17.501	178	256794	4.642	ng		100
28) Fluoranthene	19.439	202	326647	4.666	ng		100
30) Pyrene	19.802	202	331205	4.360	ng		100
32) Benzo(a)anthracene	21.544	228	315164	4.917	ng		98
33) Chrysene	21.598	228	312350	4.401	ng		98
34) Bis(2-ethylhexyl)phtha...	21.464	149	195952	5.425	ng		99
36) Indeno(1,2,3-cd)pyrene	26.553	276	305568	4.639	ng		99
37) Benzo(b)fluoranthene	23.258	252	301839	5.298	ng	#	90
38) Benzo(k)fluoranthene	23.308	252	293875	4.846	ng	#	91
39) Benzo(a)pyrene	23.895	252	238100	4.820	ng	#	84
40) Dibenzo(a,h)anthracene	26.573	278	234896	4.447	ng		93
41) Benzo(g,h,i)perylene	27.339	276	261685	4.534	ng		97

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

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