Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029134.D
Acq On : 20 Dec 2023 14:51
Operator : MA/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 20 17:50:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/21/2023
Supervised By :mohammad ahmed 12/21/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	750	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	1320	0.400	ng		0.00
13) Acenaphthene-d10	14.426	164	608	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1086	0.400	ng	#	0.00
29) Chrysene-d12	21.385	240	591	0.400	ng		0.00
35) Perylene-d12	23.701	264	693	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	1438	0.801	ng		0.00
5) Phenol-d6	7.002	99	1609	0.816	ng		0.00
8) Nitrobenzene-d5	8.961	82	1420	0.825	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1694	0.847	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	428	0.805	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	2986	0.841	ng		0.00
27) Fluoranthene-d10	19.220	212	2128	0.810	ng		0.00
31) Terphenyl-d14	19.828	244	1319	0.812	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	580	0.826	ng		97
3) n-Nitrosodimethylamine	3.709	42	364	0.743	ng	#	88
6) bis(2-Chloroethyl)ether	7.248	93	1254	0.818	ng		96
9) Naphthalene	10.626	128	3572	0.831	ng		94
10) Hexachlorobutadiene	10.893	225	1145	0.808	ng	#	98
12) 2-Methylnaphthalene	12.242	142	2367	0.842	ng		98
16) Acenaphthylene	14.148	152	3565	0.832	ng		99
17) Acenaphthene	14.490	154	2146	0.835	ng		97
18) Fluorene	15.484	166	2930	0.845	ng		96
20) 4,6-Dinitro-2-methylph...	15.580	198	361	0.764	ng	#	62
21) 4-Bromophenyl-phenylether	16.374	248	929	0.827	ng	#	72
22) Hexachlorobenzene	16.473	284	1087	0.831	ng		96
23) Atrazine	16.672	200	813m	0.865	ng		
24) Pentachlorophenol	16.833	266	654	0.844	ng		91
25) Phenanthrene	17.218	178	3747	0.836	ng		97
26) Anthracene	17.318	178	3544	0.818	ng		98
28) Fluoranthene	19.248	202	3799	0.820	ng		99
30) Pyrene	19.615	202	3789	0.814	ng		98
32) Benzo(a)anthracene	21.367	228	2670	0.822	ng		94
33) Chrysene	21.420	228	2615	0.814	ng		97
34) Bis(2-ethylhexyl)phtha...	21.313	149	2971	0.837	ng	#	92
36) Indeno(1,2,3-cd)pyrene	26.078	276	3709	0.835	ng	#	67
37) Benzo(b)fluoranthene	22.999	252	2902	0.823	ng	#	82
38) Benzo(k)fluoranthene	23.046	252	2919	0.846	ng	#	86
39) Benzo(a)pyrene	23.601	252	2616	0.832	ng	#	81
40) Dibenzo(a,h)anthracene	26.110	278	2897	0.844	ng	#	83
41) Benzo(g,h,i)perylene	26.812	276	3141	0.831	ng		92

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

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