Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042122\
Data File : BN019517.D
Acq On : 20 Apr 2022 17:19
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Apr 20 18:58:43 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN042122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 20 17:50:10 2022
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
ICVBN042122

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/25/2022
Supervised By :mohammad ahmed 04/26/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.812	152	4041	0.400	ng		0.00
7) Naphthalene-d8	10.613	136	11357	0.400	ng	#	0.00
13) Acenaphthene-d10	14.450	164	7197	0.400	ng		0.00
19) Phenanthrene-d10	17.192	188	16286	0.400	ng		0.00
29) Chrysene-d12	21.386	240	12107	0.400	ng	#	0.00
35) Perylene-d12	23.731	264	10492	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.371	112	3417	0.395	ng		0.00
5) Phenol-d6	6.981	99	3304	0.335	ng		0.00
8) Nitrobenzene-d5	8.980	82	2909	0.354	ng		0.00
11) 2-Methylnaphthalene-d10	12.213	152	7184	0.390	ng		0.00
14) 2,4,6-Tribromophenol	15.951	330	1088	0.338	ng		0.00
15) 2-Fluorobiphenyl	13.082	172	11381	0.397	ng		0.00
27) Fluoranthene-d10	19.227	212	18717	0.393	ng		0.00
31) Terphenyl-d14	19.830	244	10769	0.394	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	2300	0.433	ng		96
3) n-Nitrosodimethylamine	3.536	42	1764	0.358	ng	#	99
6) bis(2-Chloroethyl)ether	7.234	93	3903	0.376	ng		97
9) Naphthalene	10.666	128	13237	0.401	ng		99
10) Hexachlorobutadiene	10.955	225	3017	0.416	ng	#	100
12) 2-Methylnaphthalene	12.285	142	8579	0.399	ng		97
16) Acenaphthylene	14.172	152	12133	0.371	ng		100
17) Acenaphthene	14.514	154	9073	0.397	ng		97
18) Fluorene	15.498	166	11932	0.398	ng		99
20) 4,6-Dinitro-2-methylph...	15.615	198	538m	0.326	ng		
21) 4-Bromophenyl-phenylether	16.382	248	3781	0.379	ng	#	76
22) Hexachlorobenzene	16.505	284	5006	0.403	ng		99
23) Atrazine	16.659	200	2465	0.349	ng		98
24) Pentachlorophenol	16.874	266	695	0.285	ng		96
25) Phenanthrene	17.233	178	19950	0.388	ng		100
26) Anthracene	17.326	178	15102	0.363	ng		100
28) Fluoranthene	19.256	202	23087	0.392	ng		99
30) Pyrene	19.619	202	23519	0.410	ng		100
32) Benzo(a)anthracene	21.368	228	13164	0.350	ng		99
33) Chrysene	21.422	228	19565	0.411	ng		100
34) Bis(2-ethylhexyl)phtha...	21.296	149	8048	0.363	ng		100
36) Indeno(1,2,3-cd)pyrene	26.146	276	15416	0.380	ng		96
37) Benzo(b)fluoranthene	23.018	252	14153	0.351	ng		97
38) Benzo(k)fluoranthene	23.062	252	16173m	0.375	ng		
39) Benzo(a)pyrene	23.629	252	14282	0.402	ng	#	92
40) Dibenzo(a,h)anthracene	26.173	278	11624	0.384	ng		94
41) Benzo(g,h,i)perylene	26.886	276	15948	0.383	ng		99

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

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