Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102921\
Data File : BN017185.D
Acq On : 29 Oct 2021 18:04
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Oct 29 18:35:29 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN102921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 29 17:22:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.561	152	31544	0.400	ng		0.00
7) Naphthalene-d8	10.332	136	139095	0.400	ng		0.00
13) Acenaphthene-d10	14.194	164	73792	0.400	ng		0.00
19) Phenanthrene-d10	16.946	188	137897	0.400	ng		0.00
29) Chrysene-d12	21.165	240	139327	0.400	ng		0.00
35) Perylene-d12	23.373	264	140182	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.173	112	122777	1.855	ng		0.00
5) Phenol-d6	6.750	99	140344	1.851	ng		0.00
8) Nitrobenzene-d5	8.710	82	146947	1.630	ng		0.00
11) 2-Methylnaphthalene-d10	11.924	152	330863	1.678	ng		0.00
14) 2,4,6-Tribromophenol	15.704	330	48653	1.622	ng		0.00
15) 2-Fluorobiphenyl	12.824	172	462570	1.671	ng		0.00
27) Fluoranthene-d10	18.994	212	611391	1.772	ng		0.00
31) Terphenyl-d14	19.610	244	507541	1.646	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.163	88	27714	1.353	ng	#	57
3) n-Nitrosodimethylamine	3.485	42	49822	2.040	ng		100
6) bis(2-Chloroethyl)ether	7.008	93	141117	1.618	ng		99
9) Naphthalene	10.383	128	597094	1.650	ng		100
10) Hexachlorobutadiene	10.674	225	110474	1.543	ng	#	100
12) 2-Methylnaphthalene	12.000	142	382614	1.641	ng		99
16) Acenaphthylene	13.915	152	544047	1.823	ng		100
17) Acenaphthene	14.258	154	344224	1.685	ng		98
18) Fluorene	15.247	166	418180	1.700	ng		99
20) 4,6-Dinitro-2-methylph...	15.349	198	32442	2.232	ng	#	89
21) 4-Bromophenyl-phenylether	16.155	248	132633	1.650	ng		95
22) Hexachlorobenzene	16.264	284	138836	1.503	ng		100
23) Atrazine	16.434	200	102532	1.926	ng		99
24) Pentachlorophenol	16.605	266	54722	2.150	ng		100
25) Phenanthrene	16.994	178	652045	1.661	ng		100
26) Anthracene	17.079	178	594727	1.797	ng		99
28) Fluoranthene	19.024	202	731999	1.719	ng		100
30) Pyrene	19.387	202	741261	1.686	ng		100
32) Benzo(a)anthracene	21.144	228	766192	1.859	ng		99
33) Chrysene	21.197	228	733230	1.617	ng		99
34) Bis(2-ethylhexyl)phtha...	21.101	149	365083	2.048	ng		99
36) Indeno(1,2,3-cd)pyrene	25.594	276	873823	1.826	ng		100
37) Benzo(b)fluoranthene	22.709	252	774846	1.693	ng		100
38) Benzo(k)fluoranthene	22.753	252	740047	1.627	ng		99
39) Benzo(a)pyrene	23.273	252	705209	1.762	ng		99
40) Dibenzo(a,h)anthracene	25.615	278	716159	1.874	ng		99
41) Benzo(g,h,i)perylene	26.275	276	761810	1.786	ng		100

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

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