Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090421\
Data File : BN016187.D
Acq On : 04 Sep 2021 10:46
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.1

Quant Time: Sep 06 01:27:04 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN090421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 06 01:25:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.873	152	13092	0.400	ng		0.00
7) Naphthalene-d8	10.660	136	68915	0.400	ng		0.00
13) Acenaphthene-d10	14.497	164	40209	0.400	ng		0.00
19) Phenanthrene-d10	17.249	188	79593	0.400	ng		0.00
29) Chrysene-d12	21.429	240	82688	0.400	ng		0.00
35) Perylene-d12	23.823	264	78110	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.457	112	4432	0.141	ng		0.00
5) Phenol-d6	7.034	99	5629	0.129	ng		0.00
8) Nitrobenzene-d5	9.025	82	6294	0.139	ng		0.00
11) 2-Methylnaphthalene-d10	12.252	152	11094	0.107	ng		0.00
14) 2,4,6-Tribromophenol	15.994	330	1844	0.162	ng		0.00
15) 2-Fluorobiphenyl	13.127	172	17899	0.111	ng		0.00
27) Fluoranthene-d10	19.281	212	24169	0.108	ng		0.00
31) Terphenyl-d14	19.872	244	25528	0.126	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.373	88	453	0.063	ng	#	9
3) n-Nitrosodimethylamine	3.751	42	902	0.080	ng	#	91
6) bis(2-Chloroethyl)ether	7.301	93	3622	0.099	ng		99
9) Naphthalene	10.711	128	20306	0.112	ng		99
10) Hexachlorobutadiene	11.002	225	3978	0.099	ng	#	100
12) 2-Methylnaphthalene	12.327	142	13284	0.115	ng		99
16) Acenaphthylene	14.218	152	19079	0.129	ng		100
17) Acenaphthene	14.561	154	12228	0.108	ng		100
18) Fluorene	15.550	166	15425	0.114	ng		99
20) 4,6-Dinitro-2-methylph...	15.639	198	84	0.016	ng	#	32
21) 4-Bromophenyl-phenylether	16.433	248	4475	0.112	ng		95
22) Hexachlorobenzene	16.555	284	5379	0.096	ng		98
23) Atrazine	16.701	200	4406	0.180	ng		99
25) Phenanthrene	17.285	178	24471	0.108	ng		99
26) Anthracene	17.383	178	22736	0.123	ng		99
28) Fluoranthene	19.311	202	29411	0.117	ng		100
30) Pyrene	19.674	202	30553	0.124	ng		100
32) Benzo(a)anthracene	21.419	228	30826	0.123	ng		98
33) Chrysene	21.472	228	30377	0.114	ng		97
34) Bis(2-ethylhexyl)phtha...	21.344	149	22407	0.335	ng		100
36) Indeno(1,2,3-cd)pyrene	26.305	276	19120	0.065	ng	#	93
37) Benzo(b)fluoranthene	23.098	252	30641	0.110	ng	#	75
38) Benzo(k)fluoranthene	23.142	252	27531	0.106	ng	#	90
39) Benzo(a)pyrene	23.717	252	26684	0.111	ng	#	50
40) Dibenzo(a,h)anthracene	26.322	278	15788	0.065	ng	#	85
41) Benzo(g,h,i)perylene	27.068	276	15705	0.062	ng	#	88

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

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