Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN093021\
Data File : BN016586.D
Acq On : 29 Sep 2021 22:07
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Sep 30 01:38:46 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN093021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 30 01:35:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.642	152	32242	0.400	ng		0.00
7) Naphthalene-d8	10.419	136	126767	0.400	ng		0.00
13) Acenaphthene-d10	14.281	164	64508	0.400	ng		0.00
19) Phenanthrene-d10	17.030	188	117824	0.400	ng		0.00
29) Chrysene-d12	21.238	240	116480	0.400	ng		0.00
35) Perylene-d12	23.498	264	123329	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.254	112	382676	4.770	ng		0.00
5) Phenol-d6	6.822	99	429262	5.327	ng		0.00
8) Nitrobenzene-d5	8.784	82	454372	6.751	ng		0.00
11) 2-Methylnaphthalene-d10	12.012	152	880899	4.886	ng		0.00
14) 2,4,6-Tribromophenol	15.778	330	175657	6.238	ng		0.00
15) 2-Fluorobiphenyl	12.898	172	1241754	4.678	ng		0.00
27) Fluoranthene-d10	19.073	212	1606300	5.045	ng		0.00
31) Terphenyl-d14	19.688	244	1297139	5.169	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.253	88	68357	4.923	ng	#	73
3) n-Nitrosodimethylamine	3.576	42	122845	4.798	ng		98
6) bis(2-Chloroethyl)ether	7.089	93	390169	4.595	ng		100
9) Naphthalene	10.457	128	1622900	4.746	ng		99
10) Hexachlorobutadiene	10.749	225	308492	4.569	ng	#	100
12) 2-Methylnaphthalene	12.083	142	1010497	4.747	ng		100
16) Acenaphthylene	13.990	152	1497890	5.238	ng		100
17) Acenaphthene	14.345	154	934131	4.808	ng		97
18) Fluorene	15.334	166	1123457	4.746	ng		99
21) 4-Bromophenyl-phenylether	16.226	248	374739	5.379	ng	#	72
22) Hexachlorobenzene	16.336	284	408333	4.908	ng		99
23) Atrazine	16.506	200	315430	6.651	ng		100
25) Phenanthrene	17.066	178	1719761	4.852	ng		100
26) Anthracene	17.164	178	1616023	5.247	ng		100
28) Fluoranthene	19.108	202	1868510	4.823	ng		99
30) Pyrene	19.470	202	1961246	4.938	ng		100
32) Benzo(a)anthracene	21.227	228	1946491	5.391	ng		99
33) Chrysene	21.280	228	1900589	5.162	ng		99
36) Indeno(1,2,3-cd)pyrene	25.788	276	2416229	6.144	ng		99
37) Benzo(b)fluoranthene	22.820	252	2067638	5.021	ng		100
38) Benzo(k)fluoranthene	22.865	252	1952527	4.866	ng	#	96
39) Benzo(a)pyrene	23.399	252	1912352	5.063	ng		99
40) Dibenzo(a,h)anthracene	25.809	278	1995307	7.302	ng		97
41) Benzo(g,h,i)perylene	26.483	276	2127332	5.949	ng		100

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

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