Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110121\
Data File : BN017209.D
Acq On : 01 Nov 2021 12:35
Operator : CG/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Nov 01 15:16:21 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 15:13:26 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	32995	0.400	ng	0.00
7) Naphthalene-d8	10.319	136	148841	0.400	ng	0.00
13) Acenaphthene-d10	14.194	164	79951	0.400	ng	0.00
19) Phenanthrene-d10	16.946	188	144607	0.400	ng	0.00
29) Chrysene-d12	21.154	240	134516	0.400	ng	0.00
35) Perylene-d12	23.356	264	137654	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.173	112	8022	0.108	ng	0.00
5) Phenol-d6	6.740	99	8548	0.104	ng	0.00
8) Nitrobenzene-d5	8.697	82	8351	0.096	ng	0.00
11) 2-Methylnaphthalene-d10	11.920	152	21142	0.094	ng	0.00
14) 2,4,6-Tribromophenol	15.691	330	2190	0.076	ng	0.00
15) 2-Fluorobiphenyl	12.811	172	30293	0.101	ng	0.00
27) Fluoranthene-d10	18.985	212	34375	0.085	ng	0.00
31) Terphenyl-d14	19.595	244	28846	0.100	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.163	88	2597	0.148	ng	# 1
3) n-Nitrosodimethylamine	3.494	42	2908	0.101	ng	# 96
6) bis(2-Chloroethyl)ether	6.998	93	9349	0.108	ng	99
9) Naphthalene	10.370	128	45167	0.116	ng	100
10) Hexachlorobutadiene	10.662	225	7555	0.106	ng	# 99
12) 2-Methylnaphthalene	11.991	142	25869	0.106	ng	100
16) Acenaphthylene	13.902	152	28534	0.089	ng	100
17) Acenaphthene	14.257	154	21591	0.098	ng	100
18) Fluorene	15.247	166	24698	0.094	ng	99
20) 4,6-Dinitro-2-methylph...	15.349	198	671	0.042	ng	# 71
21) 4-Bromophenyl-phenylether	16.143	248	7540	0.095	ng	98
22) Hexachlorobenzene	16.252	284	8576	0.099	ng	99
23) Atrazine	16.423	200	4805	0.086	ng	99
24) Pentachlorophenol	16.605	266	1910	0.060	ng	99
25) Phenanthrene	16.982	178	40296	0.100	ng	99
26) Anthracene	17.080	178	31011	0.091	ng	99
28) Fluoranthene	19.015	202	42458	0.097	ng	100
30) Pyrene	19.377	202	42932	0.101	ng	100
32) Benzo(a)anthracene	21.133	228	38092	0.094	ng	99
33) Chrysene	21.186	228	43089	0.101	ng	99
34) Bis(2-ethylhexyl)phtha...	21.091	149	17122	0.100	ng	100
36) Indeno(1,2,3-cd)pyrene	25.574	276	45972	0.092	ng	98
37) Benzo(b)fluoranthene	22.695	252	40047	0.093	ng	97
38) Benzo(k)fluoranthene	22.740	252	43194	0.101	ng	# 91
39) Benzo(a)pyrene	23.256	252	35648	0.092	ng	96
40) Dibenzo(a,h)anthracene	25.591	278	35991	0.089	ng	96
41) Benzo(g,h,i)perylene	26.245	276	40977	0.094	ng	99

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

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