Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061621\
Data File : BN014927.D
Acq On : 16 Jun 2021 18:29
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Jun 16 19:01:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 16 18:59:52 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	17599	0.400	ng	# 0.00
7) Naphthalene-d8	10.521	136	77162	0.400	ng	# 0.00
13) Acenaphthene-d10	14.371	164	42587	0.400	ng	0.00
19) Phenanthrene-d10	17.116	188	81108	0.400	ng	0.00
29) Chrysene-d12	21.324	240	72459	0.400	ng	# 0.00
35) Perylene-d12	23.581	264	72554	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.384	112	87495	1.842	ng	0.00
5) Phenol-d6	6.924	99	110202	1.992	ng	0.00
8) Nitrobenzene-d5	8.899	82	98207	1.541	ng	0.00
11) 2-Methylnaphthalene-d10	12.119	152	213173	1.467	ng	0.00
14) 2,4,6-Tribromophenol	15.868	330	33511	1.875	ng	0.00
15) 2-Fluorobiphenyl	13.001	172	266945	1.658	ng	0.00
27) Fluoranthene-d10	19.158	212	405492	1.449	ng	0.00
31) Terphenyl-d14	19.769	244	289631	1.616	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.365	88	12443	2.433	ng	# 55
3) n-Nitrosodimethylamine	3.706	42	28783	5.306	ng	# 1
6) bis(2-Chloroethyl)ether	7.191	93	89868	2.144	ng	# 82
9) Naphthalene	10.572	128	356948	1.689	ng	97
10) Hexachlorobutadiene	10.876	225	70692	1.148	ng	# 98
12) 2-Methylnaphthalene	12.190	142	237114	1.594	ng	# 89
16) Acenaphthylene	14.092	152	355753	2.004	ng	98
17) Acenaphthene	14.434	154	216638	1.803	ng	96
18) Fluorene	15.424	166	269046	1.751	ng	98
20) 4,6-Dinitro-2-methylph...	15.487	198	10343	1.997	ng	# 45
21) 4-Bromophenyl-phenylether	16.325	248	85954	1.489	ng	# 92
22) Hexachlorobenzene	16.422	284	90202	1.374	ng	# 92
23) Atrazine	16.592	200	76818	2.451	ng	93
24) Pentachlorophenol	16.763	266	35070	2.374	ng	100
25) Phenanthrene	17.164	178	405166	1.758	ng	99
26) Anthracene	17.250	178	394307	1.932	ng	99
28) Fluoranthene	19.188	202	451192	1.547	ng	# 97
30) Pyrene	19.550	202	469764	2.178	ng	99
32) Benzo(a)anthracene	21.302	228	454355	2.205	ng	98
33) Chrysene	21.356	228	427662	1.768	ng	98
34) Bis(2-ethylhexyl)phtha...	21.260	149	320975	5.042	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.861	276	419077	1.923	ng	# 87
37) Benzo(b)fluoranthene	22.903	252	446706	1.929	ng	# 96
38) Benzo(k)fluoranthene	22.948	252	431663	1.566	ng	# 94
39) Benzo(a)pyrene	23.482	252	400274	1.824	ng	# 95
40) Dibenzo(a,h)anthracene	25.878	278	341307	2.046	ng	# 91
41) Benzo(g,h,i)perylene	26.549	276	358981	1.703	ng	# 89

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

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