Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032224\
Data File : BN030455.D
Acq On : 21 Mar 2024 20:16
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Mar 21 23:58:40 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN032224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 21 23:54:14 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	11094	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	30698	0.400	ng		0.00
13) Acenaphthene-d10	14.361	164	16073	0.400	ng		0.00
19) Phenanthrene-d10	17.106	188	34278	0.400	ng		0.00
29) Chrysene-d12	21.304	240	26775	0.400	ng		0.00
35) Perylene-d12	23.560	264	23129	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.312	112	91746	3.347	ng		0.00
5) Phenol-d6	6.887	99	121214	3.383	ng		0.00
8) Nitrobenzene-d5	8.875	82	80419	3.402	ng		0.00
11) 2-Methylnaphthalene-d10	12.106	152	148134	3.315	ng		0.00
14) 2,4,6-Tribromophenol	15.853	330	21909	3.743	ng		0.00
15) 2-Fluorobiphenyl	12.993	172	223853	3.225	ng		0.00
27) Fluoranthene-d10	19.145	212	293465	3.432	ng		0.00
31) Terphenyl-d14	19.754	244	189840	3.163	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	43304	3.022	ng		97
3) n-Nitrosodimethylamine	3.564	42	45039	3.262	ng	#	98
6) bis(2-Chloroethyl)ether	7.161	93	110934	3.234	ng		100
9) Naphthalene	10.562	128	289848	3.267	ng		99
10) Hexachlorobutadiene	10.850	225	52720	3.189	ng	#	98
12) 2-Methylnaphthalene	12.181	142	187084	3.298	ng		99
16) Acenaphthylene	14.083	152	282629	3.422	ng		100
17) Acenaphthene	14.425	154	186082	3.363	ng		98
18) Fluorene	15.420	166	247124	3.349	ng		100
20) 4,6-Dinitro-2-methylph...	15.484	198	11813	3.234	ng	#	55
21) 4-Bromophenyl-phenylether	16.312	248	74355	3.352	ng		97
22) Hexachlorobenzene	16.411	284	87966	3.284	ng		99
23) Atrazine	16.585	200	58536	3.663	ng		99
24) Pentachlorophenol	16.759	266	32099	3.256	ng		99
25) Phenanthrene	17.156	178	363740	3.317	ng		100
26) Anthracene	17.243	178	336132	3.480	ng		100
28) Fluoranthene	19.178	202	420318	3.388	ng		100
30) Pyrene	19.540	202	427826	3.196	ng		100
32) Benzo(a)anthracene	21.295	228	362927	3.349	ng		100
33) Chrysene	21.340	228	368771	3.207	ng		100
34) Bis(2-ethylhexyl)phtha...	21.250	149	171729	3.736	ng		100
36) Indeno(1,2,3-cd)pyrene	25.849	276	344606	3.683	ng		99
37) Benzo(b)fluoranthene	22.885	252	355318	3.500	ng		97
38) Benzo(k)fluoranthene	22.929	252	342920	3.392	ng		95
39) Benzo(a)pyrene	23.464	252	284992	3.635	ng	#	93
40) Dibenzo(a,h)anthracene	25.870	278	276853	3.682	ng		97
41) Benzo(g,h,i)perylene	26.542	276	293943	3.547	ng		97

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

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