Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090424\
Data File : BN033754.D
Acq On : 04 Sep 2024 15:54
Operator : MA/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC1.6

Quant Time: Sep 04 18:05:29 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:03:07 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	5411	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	13930	0.400	ng		0.00
13) Acenaphthene-d10	14.157	164	6595	0.400	ng		0.00
19) Phenanthrene-d10	16.905	188	12815	0.400	ng		0.00
29) Chrysene-d12	21.113	240	10603	0.400	ng		0.00
35) Perylene-d12	23.271	264	10665	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	27004	1.630	ng		0.00
5) Phenol-d6	6.707	99	32166	1.640	ng		0.00
8) Nitrobenzene-d5	8.649	82	19563	1.649	ng		0.00
11) 2-Methylnaphthalene-d10	11.873	152	32906	1.671	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	5530	1.660	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	45458	1.653	ng		0.00
27) Fluoranthene-d10	18.947	212	53870	1.704	ng		0.00
31) Terphenyl-d14	19.560	244	36539	1.616	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	10043	1.631	ng		98
3) n-Nitrosodimethylamine	3.457	42	12340	1.707	ng	#	97
6) bis(2-Chloroethyl)ether	6.953	93	24581	1.661	ng		99
9) Naphthalene	10.325	128	61713	1.659	ng		99
10) Hexachlorobutadiene	10.624	225	12795	1.652	ng	#	100
12) 2-Methylnaphthalene	11.949	142	38202	1.675	ng		99
16) Acenaphthylene	13.868	152	48158	1.689	ng		100
17) Acenaphthene	14.210	154	32443	1.660	ng		100
18) Fluorene	15.204	166	40575	1.683	ng		100
20) 4,6-Dinitro-2-methylph...	15.290	198	3487	1.723	ng	#	53
21) 4-Bromophenyl-phenylether	16.110	248	12450	1.677	ng		96
22) Hexachlorobenzene	16.209	284	14017	1.646	ng		98
23) Atrazine	16.396	200	10154	1.713	ng		96
24) Pentachlorophenol	16.557	266	5969	1.715	ng		99
25) Phenanthrene	16.942	178	59360	1.681	ng		100
26) Anthracene	17.041	178	51869	1.690	ng		99
28) Fluoranthene	18.975	202	68510	1.731	ng		100
30) Pyrene	19.342	202	68965	1.614	ng		100
32) Benzo(a)anthracene	21.104	228	62876	1.661	ng		100
33) Chrysene	21.148	228	61836	1.652	ng		99
34) Bis(2-ethylhexyl)phtha...	21.059	149	32496	1.574	ng		99
36) Indeno(1,2,3-cd)pyrene	25.402	276	74558	1.691	ng		99
37) Benzo(b)fluoranthene	22.633	252	66033	1.685	ng	#	89
38) Benzo(k)fluoranthene	22.674	252	64560	1.690	ng	#	89
39) Benzo(a)pyrene	23.177	252	54955	1.677	ng	#	85
40) Dibenzo(a,h)anthracene	25.420	278	60034	1.699	ng		93
41) Benzo(g,h,i)perylene	26.045	276	64526	1.684	ng		97

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

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