Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031324\
Data File : BN030386.D
Acq On : 13 Mar 2024 17:34
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Mar 14 11:20:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 11:09:54 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	1519	0.400	ng		0.00
7) Naphthalene-d8	10.584	136	3484	0.400	ng	#	0.00
13) Acenaphthene-d10	14.436	164	2031	0.400	ng		-0.01
19) Phenanthrene-d10	17.206	188	4612	0.400	ng		0.00
29) Chrysene-d12	21.429	240	4847	0.400	ng	#	0.00
35) Perylene-d12	23.788	264	5527	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.363	112	12826	3.243	ng		0.00
5) Phenol-d6	6.959	99	13621	3.533	ng		0.00
8) Nitrobenzene-d5	8.950	82	11204	3.507	ng		-0.01
11) 2-Methylnaphthalene-d10	12.178	152	18137	3.352	ng		0.00
14) 2,4,6-Tribromophenol	15.940	330	4020	3.397	ng		-0.01
15) 2-Fluorobiphenyl	13.068	172	28222	3.452	ng		0.00
27) Fluoranthene-d10	19.248	212	44728	3.344	ng		0.00
31) Terphenyl-d14	19.866	244	35011	3.180	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	6324	2.999	ng		97
3) n-Nitrosodimethylamine	3.622	42	6605	3.414	ng	#	94
6) bis(2-Chloroethyl)ether	7.226	93	10823	3.493	ng		98
9) Naphthalene	10.626	128	30049	3.227	ng		94
10) Hexachlorobutadiene	10.904	225	9087	3.151	ng	#	99
12) 2-Methylnaphthalene	12.253	142	19984	3.330	ng		96
16) Acenaphthylene	14.158	152	30216	3.403	ng		100
17) Acenaphthene	14.500	154	19441	3.337	ng		99
18) Fluorene	15.495	166	24322	3.370	ng		99
20) 4,6-Dinitro-2-methylph...	15.592	198	3536	3.232	ng	#	24
21) 4-Bromophenyl-phenylether	16.399	248	9477	3.480	ng	#	91
22) Hexachlorobenzene	16.498	284	10515	3.233	ng		98
23) Atrazine	16.684	200	8151	3.326	ng	#	90
24) Pentachlorophenol	16.858	266	5614	3.299	ng		97
25) Phenanthrene	17.243	178	41210	3.359	ng		99
26) Anthracene	17.342	178	38860	3.458	ng		99
28) Fluoranthene	19.280	202	55770	3.369	ng		99
30) Pyrene	19.647	202	57915	3.202	ng		100
32) Benzo(a)anthracene	21.420	228	55825	3.466	ng		98
33) Chrysene	21.465	228	56936	3.204	ng		98
34) Bis(2-ethylhexyl)phtha...	21.367	149	25817	3.068	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.203	276	81608	3.468	ng	#	91
37) Benzo(b)fluoranthene	23.072	252	63782	3.538	ng	#	84
38) Benzo(k)fluoranthene	23.122	252	62667	3.436	ng	#	84
39) Benzo(a)pyrene	23.686	252	57428	3.431	ng	#	77
40) Dibenzo(a,h)anthracene	26.236	278	66032	3.544	ng	#	85
41) Benzo(g,h,i)perylene	26.943	276	74149	3.376	ng		95

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

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