Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081924\
Data File : BN033484.D
Acq On : 19 Aug 2024 19:17
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Aug 19 23:23:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:20:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152	8220	0.400	ng		0.00
7) Naphthalene-d8	10.314	136	21477	0.400	ng		0.00
13) Acenaphthene-d10	14.189	164	11204	0.400	ng		0.00
19) Phenanthrene-d10	16.942	188	22761	0.400	ng		0.00
29) Chrysene-d12	21.148	240	16458	0.400	ng		0.00
35) Perylene-d12	23.317	264	15102	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.191	112	78672	3.403	ng		0.00
5) Phenol-d6	6.743	99	96240	3.185	ng		0.00
8) Nitrobenzene-d5	8.691	82	55376	3.404	ng		0.00
11) 2-Methylnaphthalene-d10	11.915	152	97319	3.015	ng		0.00
14) 2,4,6-Tribromophenol	15.688	330	19950	3.487	ng		0.00
15) 2-Fluorobiphenyl	12.810	172	144228	3.180	ng		0.00
27) Fluoranthene-d10	18.984	212	176172	2.953	ng		0.00
31) Terphenyl-d14	19.597	244	117216	3.696	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	29725	3.360	ng		100
3) n-Nitrosodimethylamine	3.472	42	34268	2.990	ng		97
6) bis(2-Chloroethyl)ether	6.989	93	70198	2.980	ng		100
9) Naphthalene	10.368	128	179011	3.071	ng		99
10) Hexachlorobutadiene	10.667	225	35517	3.178	ng	#	100
12) 2-Methylnaphthalene	11.990	142	116457	2.986	ng		99
16) Acenaphthylene	13.900	152	164622	3.197	ng		100
17) Acenaphthene	14.253	154	111942	3.160	ng		98
18) Fluorene	15.247	166	140489	3.030	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	13180	4.642	ng	#	67
21) 4-Bromophenyl-phenylether	16.147	248	44804	3.300	ng		99
22) Hexachlorobenzene	16.247	284	48402	3.192	ng		99
23) Atrazine	16.420	200	36125	3.342	ng		98
24) Pentachlorophenol	16.594	266	23233	3.743	ng		98
25) Phenanthrene	16.979	178	202724	3.113	ng		100
26) Anthracene	17.066	178	188458	3.276	ng		99
28) Fluoranthene	19.012	202	230499	2.917	ng		100
30) Pyrene	19.374	202	230574	3.478	ng		100
32) Benzo(a)anthracene	21.130	228	187742	3.074	ng		100
33) Chrysene	21.184	228	184734	3.033	ng		100
34) Bis(2-ethylhexyl)phtha...	21.095	149	111315	3.811	ng		100
36) Indeno(1,2,3-cd)pyrene	25.478	276	200706	3.206	ng		99
37) Benzo(b)fluoranthene	22.674	252	178769	3.171	ng	#	92
38) Benzo(k)fluoranthene	22.718	252	180219	3.154	ng	#	90
39) Benzo(a)pyrene	23.224	252	151103	3.178	ng	#	88
40) Dibenzo(a,h)anthracene	25.496	278	160621	3.242	ng		94
41) Benzo(g,h,i)perylene	26.127	276	170664	3.133	ng		98

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

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