Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN110723\
Data File : BN028492.D
Acq On : 07 Nov 2023 15:00
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Nov 07 15:47:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN110723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 07 15:43:27 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.717	152	8956	0.400	ng		0.00
7) Naphthalene-d8	10.509	136	28337	0.400	ng		0.00
13) Acenaphthene-d10	14.364	164	17188	0.400	ng		0.00
19) Phenanthrene-d10	17.109	188	38798	0.400	ng		0.00
29) Chrysene-d12	21.329	240	34189	0.400	ng		0.00
35) Perylene-d12	23.643	264	34586	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	118180	4.413	ng		0.00
5) Phenol-d6	6.887	99	156950	4.560	ng		0.00
8) Nitrobenzene-d5	8.865	82	116173	4.591	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	237550	4.834	ng		0.00
14) 2,4,6-Tribromophenol	15.856	330	47440	4.925	ng		0.00
15) 2-Fluorobiphenyl	12.985	172	351319	4.648	ng		0.00
27) Fluoranthene-d10	19.153	212	568803	4.800	ng		0.00
31) Terphenyl-d14	19.766	244	415694	4.574	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.196	88	47626	4.390	ng		96
3) n-Nitrosodimethylamine	3.507	42	57930	4.677	ng	#	97
6) bis(2-Chloroethyl)ether	7.147	93	132411	4.647	ng		100
9) Naphthalene	10.552	128	405253	4.581	ng		99
10) Hexachlorobutadiene	10.850	225	70919	4.510	ng	#	98
12) 2-Methylnaphthalene	12.174	142	280446	4.626	ng		99
16) Acenaphthylene	14.075	152	457791	5.064	ng		100
17) Acenaphthene	14.418	154	287049	4.763	ng		97
18) Fluorene	15.412	166	396105	4.649	ng		99
20) 4,6-Dinitro-2-methylph...	15.497	198	44162	5.042	ng	#	58
21) 4-Bromophenyl-phenylether	16.302	248	123486	4.767	ng	#	65
22) Hexachlorobenzene	16.414	284	126628	4.670	ng		99
23) Atrazine	16.588	200	116570	5.101	ng		98
24) Pentachlorophenol	16.762	266	69098	5.949	ng		99
25) Phenanthrene	17.146	178	594011	4.616	ng		100
26) Anthracene	17.246	178	579414	4.915	ng		100
28) Fluoranthene	19.185	202	720151	4.669	ng		100
30) Pyrene	19.548	202	749420	4.602	ng		100
32) Benzo(a)anthracene	21.311	228	692945	4.849	ng		99
33) Chrysene	21.365	228	666403	4.669	ng		99
34) Bis(2-ethylhexyl)phtha...	21.266	149	448693	5.074	ng		98
36) Indeno(1,2,3-cd)pyrene	26.017	276	699649	5.015	ng		100
37) Benzo(b)fluoranthene	22.942	252	691666	4.852	ng	#	96
38) Benzo(k)fluoranthene	22.988	252	658324	4.732	ng	#	94
39) Benzo(a)pyrene	23.538	252	595193	4.887	ng	#	93
40) Dibenzo(a,h)anthracene	26.041	278	548696	5.046	ng	#	91
41) Benzo(g,h,i)perylene	26.748	276	592751	4.920	ng		98

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

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