Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101524\
Data File : BN034598.D
Acq On : 15 Oct 2024 20:50
Operator : RC/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Oct 16 00:03:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 23:53:04 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.669	152	5988	0.400	ng		0.00
7) Naphthalene-d8	10.447	136	16259	0.400	ng	#	0.00
13) Acenaphthene-d10	14.297	164	8457	0.400	ng		0.00
19) Phenanthrene-d10	17.044	188	17311	0.400	ng		0.00
29) Chrysene-d12	21.232	240	14111	0.400	ng		0.00
35) Perylene-d12	23.440	264	15603	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.278	112	91239	5.517	ng		0.00
5) Phenol-d6	6.831	99	117060	5.240	ng		0.00
8) Nitrobenzene-d5	8.803	82	63083	5.144	ng		0.00
11) 2-Methylnaphthalene-d10	12.037	152	116019	4.637	ng		0.00
14) 2,4,6-Tribromophenol	15.790	330	21064	4.855	ng		0.00
15) 2-Fluorobiphenyl	12.929	172	156053	4.501	ng		0.00
27) Fluoranthene-d10	19.076	212	217039	4.690	ng		0.00
31) Terphenyl-d14	19.689	244	139287	5.225	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.242	88	32587	4.898	ng		94
3) n-Nitrosodimethylamine	3.538	42	36124	4.215	ng	#	97
6) bis(2-Chloroethyl)ether	7.098	93	81374	4.498	ng		98
9) Naphthalene	10.490	128	216976	4.838	ng		94
10) Hexachlorobutadiene	10.799	225	36754	4.296	ng	#	99
12) 2-Methylnaphthalene	12.113	142	136990	4.525	ng		96
16) Acenaphthylene	14.019	152	205871	5.215	ng		99
17) Acenaphthene	14.361	154	129169	4.769	ng		99
18) Fluorene	15.355	166	159343	4.462	ng		99
20) 4,6-Dinitro-2-methylph...	15.419	198	8969	4.268	ng	#	3
21) 4-Bromophenyl-phenylether	16.250	248	46955	4.531	ng	#	89
22) Hexachlorobenzene	16.349	284	53600	4.615	ng		99
23) Atrazine	16.523	200	42579	5.182	ng		95
24) Pentachlorophenol	16.697	266	25041	5.334	ng		98
25) Phenanthrene	17.081	178	235056	4.701	ng		100
26) Anthracene	17.168	178	232786	5.259	ng		99
28) Fluoranthene	19.103	202	269081	4.371	ng		100
30) Pyrene	19.466	202	284683	5.067	ng		100
32) Benzo(a)anthracene	21.214	228	256941	4.874	ng		99
33) Chrysene	21.268	228	241598	4.553	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	172085	7.182	ng		99
36) Indeno(1,2,3-cd)pyrene	25.665	276	301017	4.669	ng		100
37) Benzo(b)fluoranthene	22.782	252	268579	4.574	ng	#	93
38) Benzo(k)fluoranthene	22.826	252	253495	4.229	ng	#	92
39) Benzo(a)pyrene	23.347	252	236037	4.772	ng	#	91
40) Dibenzo(a,h)anthracene	25.689	278	238758	4.690	ng		94
41) Benzo(g,h,i)perylene	26.335	276	256942	4.551	ng		93

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

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