Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029136.D
Acq On : 20 Dec 2023 16:02
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Dec 20 17:51:39 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 17:45:31 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	722	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1284	0.400	ng		#-0.01
13) Acenaphthene-d10	14.425	164	589	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1064	0.400	ng		# 0.00
29) Chrysene-d12	21.384	240	577	0.400	ng		0.00
35) Perylene-d12	23.701	264	672	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	5608	3.244	ng		0.00
5) Phenol-d6	7.002	99	6250	3.293	ng		0.00
8) Nitrobenzene-d5	8.961	82	5428	3.241	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	6613	3.399	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	1563	3.035	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	11531	3.353	ng		0.00
27) Fluoranthene-d10	19.215	212	8333	3.236	ng		0.00
31) Terphenyl-d14	19.828	244	5124	3.232	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.348	88	2130	3.150	ng		97
3) n-Nitrosodimethylamine	3.687	42	1643	3.484	ng	#	90
6) bis(2-Chloroethyl)ether	7.248	93	4867	3.298	ng		95
9) Naphthalene	10.626	128	13492	3.225	ng	#	91
10) Hexachlorobutadiene	10.893	225	4395	3.188	ng	#	100
12) 2-Methylnaphthalene	12.242	142	9184	3.358	ng		97
16) Acenaphthylene	14.148	152	13757	3.314	ng		99
17) Acenaphthene	14.490	154	8271	3.322	ng		95
18) Fluorene	15.473	166	10903	3.246	ng		99
20) 4,6-Dinitro-2-methylph...	15.567	198	1598	3.218	ng	#	53
21) 4-Bromophenyl-phenylether	16.374	248	3490	3.172	ng	#	83
22) Hexachlorobenzene	16.473	284	3955	3.087	ng		97
23) Atrazine	16.672	200	2881	3.129	ng	#	79
24) Pentachlorophenol	16.833	266	2526	3.326	ng		93
25) Phenanthrene	17.218	178	13971	3.182	ng		97
26) Anthracene	17.305	178	13685	3.225	ng		99
28) Fluoranthene	19.248	202	14550	3.206	ng		99
30) Pyrene	19.610	202	14646	3.222	ng		99
32) Benzo(a)anthracene	21.367	228	10713	3.376	ng		92
33) Chrysene	21.420	228	10371	3.306	ng	#	91
34) Bis(2-ethylhexyl)phtha...	21.313	149	10977	3.392	ng	#	95
36) Indeno(1,2,3-cd)pyrene	26.075	276	14420	3.349	ng	#	66
37) Benzo(b)fluoranthene	22.999	252	11649	3.409	ng	#	71
38) Benzo(k)fluoranthene	23.043	252	11239	3.358	ng	#	73
39) Benzo(a)pyrene	23.598	252	10206	3.346	ng	#	68
40) Dibenzo(a,h)anthracene	26.101	278	11300	3.394	ng	#	74
41) Benzo(g,h,i)perylene	26.803	276	12060	3.290	ng	#	85

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

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