Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122723\
Data File : BN029200.D
Acq On : 27 Dec 2023 13:58
Operator : MA/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Quant Time: Dec 28 01:19:06 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:12:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	879	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	1756	0.400	ng	#	0.00
13) Acenaphthene-d10	14.372	164	1067	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1802	0.400	ng		0.00
29) Chrysene-d12	21.340	240	747	0.400	ng	#	0.00
35) Perylene-d12	23.630	264	895	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	9168	4.484	ng		0.00
5) Phenol-d6	6.937	99	11257	4.904	ng		0.00
8) Nitrobenzene-d5	8.907	82	11040	5.012	ng		0.00
11) 2-Methylnaphthalene-d10	12.117	152	15520	5.111	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	3572	4.340	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	28161	4.920	ng		0.00
27) Fluoranthene-d10	19.173	212	17420	4.745	ng		0.00
31) Terphenyl-d14	19.782	244	10307	4.451	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	3555	4.499	ng	#	89
3) n-Nitrosodimethylamine	3.600	42	3508	5.432	ng	#	97
6) bis(2-Chloroethyl)ether	7.190	93	8337	5.317	ng		95
9) Naphthalene	10.573	128	25522	4.792	ng	#	87
10) Hexachlorobutadiene	10.840	225	7198	4.735	ng	#	100
12) 2-Methylnaphthalene	12.189	142	19611	4.977	ng		97
16) Acenaphthylene	14.094	152	34489	4.925	ng		99
17) Acenaphthene	14.436	154	20558	4.737	ng		99
18) Fluorene	15.430	166	29192	4.663	ng		99
20) 4,6-Dinitro-2-methylph...	15.518	198	4286	4.918	ng	#	60
21) 4-Bromophenyl-phenylether	16.337	248	7754	4.977	ng	#	86
22) Hexachlorobenzene	16.424	284	8797	4.817	ng		100
23) Atrazine	16.622	200	7301	4.836	ng	#	79
24) Pentachlorophenol	16.784	266	5843	4.924	ng		94
25) Phenanthrene	17.168	178	37220	4.668	ng		99
26) Anthracene	17.268	178	36829	4.731	ng		99
28) Fluoranthene	19.201	202	33006	4.617	ng		99
30) Pyrene	19.568	202	32608	4.333	ng		99
32) Benzo(a)anthracene	21.322	228	21110	4.889	ng	#	90
33) Chrysene	21.375	228	20287	4.704	ng	#	91
34) Bis(2-ethylhexyl)phtha...	21.268	149	25640	4.101	ng	#	97
36) Indeno(1,2,3-cd)pyrene	25.961	276	30624	4.921	ng		96
37) Benzo(b)fluoranthene	22.935	252	23538	4.861	ng	#	72
38) Benzo(k)fluoranthene	22.978	252	23404	4.989	ng	#	73
39) Benzo(a)pyrene	23.522	252	21316	4.853	ng	#	66
40) Dibenzo(a,h)anthracene	25.987	278	23829	5.033	ng	#	75
41) Benzo(g,h,i)perylene	26.680	276	25394	4.826	ng	#	82

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

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