Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101524\
Data File : BN034597.D
Acq On : 15 Oct 2024 20:14
Operator : RC/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 16 00:03:33 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	7.668	152	5993	0.400	ng		0.00
7) Naphthalene-d8	10.447	136	16558	0.400	ng	#	0.00
13) Acenaphthene-d10	14.297	164	8359	0.400	ng		0.00
19) Phenanthrene-d10	17.044	188	16976	0.400	ng		0.00
29) Chrysene-d12	21.232	240	13172	0.400	ng		0.00
35) Perylene-d12	23.443	264	14465	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.278	112	58735	3.548	ng		0.00
5) Phenol-d6	6.838	99	74838	3.347	ng		0.00
8) Nitrobenzene-d5	8.802	82	40158	3.216	ng		0.00
11) 2-Methylnaphthalene-d10	12.037	152	73879	2.899	ng		0.00
14) 2,4,6-Tribromophenol	15.790	330	13001	3.031	ng		0.00
15) 2-Fluorobiphenyl	12.928	172	99080	2.892	ng		0.00
27) Fluoranthene-d10	19.075	212	128294	2.827	ng		0.00
31) Terphenyl-d14	19.688	244	82099	3.299	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.248	88	21715	3.261	ng		94
3) n-Nitrosodimethylamine	3.537	42	23261	2.712	ng		97
6) bis(2-Chloroethyl)ether	7.105	93	52444	2.896	ng		99
9) Naphthalene	10.489	128	139458	3.053	ng		94
10) Hexachlorobutadiene	10.799	225	23681	2.718	ng	#	99
12) 2-Methylnaphthalene	12.112	142	87705	2.844	ng		97
16) Acenaphthylene	14.019	152	129722	3.324	ng		99
17) Acenaphthene	14.361	154	81117	3.030	ng		99
18) Fluorene	15.355	166	99845	2.829	ng		99
20) 4,6-Dinitro-2-methylph...	15.419	198	4987	2.420	ng	#	6
21) 4-Bromophenyl-phenylether	16.249	248	28677	2.822	ng	#	90
22) Hexachlorobenzene	16.349	284	33120	2.908	ng		99
23) Atrazine	16.522	200	25883	3.212	ng		94
24) Pentachlorophenol	16.696	266	14560	3.163	ng		98
25) Phenanthrene	17.081	178	144253	2.942	ng		100
26) Anthracene	17.168	178	141824	3.267	ng		99
28) Fluoranthene	19.108	202	160328	2.656	ng		100
30) Pyrene	19.465	202	167925	3.202	ng		100
32) Benzo(a)anthracene	21.214	228	148225	3.012	ng		98
33) Chrysene	21.267	228	141880	2.865	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	94726	4.235	ng		99
36) Indeno(1,2,3-cd)pyrene	25.665	276	173586	2.904	ng		100
37) Benzo(b)fluoranthene	22.782	252	152834	2.808	ng	#	93
38) Benzo(k)fluoranthene	22.826	252	146114	2.630	ng	#	93
39) Benzo(a)pyrene	23.346	252	134745	2.939	ng	#	91
40) Dibenzo(a,h)anthracene	25.688	278	138300	2.930	ng		95
41) Benzo(g,h,i)perylene	26.331	276	148393	2.835	ng		94

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

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