Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092421\
Data File : BN016428.D
Acq On : 23 Sep 2021 18:25
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN092421

Quant Time: Sep 24 02:31:42 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN092421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 23 18:55:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.670	152	22547	0.400	ng	0.00
7) Naphthalene-d8	10.445	136	97965	0.400	ng	# 0.00
13) Acenaphthene-d10	14.294	164	49725	0.400	ng	0.00
19) Phenanthrene-d10	17.054	188	94665	0.400	ng	# 0.01
29) Chrysene-d12	21.259	240	89783	0.400	ng	# 0.01
35) Perylene-d12	23.519	264	81735	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.291	112	18623	0.368	ng	0.00
5) Phenol-d6	6.849	99	21939	0.367	ng	0.00
8) Nitrobenzene-d5	8.810	82	28247	0.407	ng	0.00
11) 2-Methylnaphthalene-d10	12.034	152	54826	0.378	ng	0.00
14) 2,4,6-Tribromophenol	15.791	330	4324	0.358	ng	0.00
15) 2-Fluorobiphenyl	12.924	172	78186	0.374	ng	0.00
27) Fluoranthene-d10	19.093	212	93666	0.361	ng	0.00
31) Terphenyl-d14	19.703	244	81169	0.389	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	3680	0.381	ng	# 81
3) n-Nitrosodimethylamine	3.631	42	9216	0.397	ng	# 71
6) bis(2-Chloroethyl)ether	7.107	93	23988	0.397	ng	92
9) Naphthalene	10.483	128	98349	0.376	ng	99
10) Hexachlorobutadiene	10.774	225	20093	0.387	ng	# 99
12) 2-Methylnaphthalene	12.105	142	63785	0.385	ng	97
16) Acenaphthylene	14.015	152	78126	0.386	ng	100
17) Acenaphthene	14.357	154	53265	0.371	ng	98
18) Fluorene	15.347	166	62940	0.365	ng	98
20) 4,6-Dinitro-2-methylph...	15.436	198	2304	0.354	ng	# 66
21) 4-Bromophenyl-phenylether	16.251	248	20245	0.366	ng	97
22) Hexachlorobenzene	16.348	284	20931	0.382	ng	# 90
23) Atrazine	16.531	200	12305	0.370	ng	98
24) Pentachlorophenol	16.701	266	5038	0.423	ng	99
25) Phenanthrene	17.090	178	103556	0.368	ng	99
26) Anthracene	17.176	178	82631	0.352	ng	99
28) Fluoranthene	19.117	202	115842	0.375	ng	99
30) Pyrene	19.485	202	110493	0.393	ng	99
32) Benzo(a)anthracene	21.238	228	100708	0.387	ng	99
33) Chrysene	21.291	228	110139	0.394	ng	99
34) Bis(2-ethylhexyl)phtha...	21.195	149	27368	0.386	ng	97
36) Indeno(1,2,3-cd)pyrene	25.815	276	102185	0.386	ng	99
37) Benzo(b)fluoranthene	22.837	252	97066	0.355	ng	98
38) Benzo(k)fluoranthene	22.882	252	105764	0.401	ng	99
39) Benzo(a)pyrene	23.419	252	81476	0.366	ng	97
40) Dibenzo(a,h)anthracene	25.836	278	88307	0.391	ng	96
41) Benzo(g,h,i)perylene	26.514	276	84876	0.366	ng	95

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

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