Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN113023\
Data File : BN028949.D
Acq On : 01 Dec 2023 16:05
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Dec 01 17:07:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN113023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 01 00:28:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.797	152	4686	0.400	ng		-0.01
7) Naphthalene-d8	10.584	136	12311	0.400	ng		-0.01
13) Acenaphthene-d10	14.418	164	5071	0.400	ng		-0.01
19) Phenanthrene-d10	17.171	188	7833	0.400	ng		-0.01
29) Chrysene-d12	21.374	240	5045	0.400	ng		# 0.00
35) Perylene-d12	23.711	264	4784	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.421	112	6014	0.424	ng		-0.03
5) Phenol-d6	7.017	99	7184	0.456	ng		-0.03
8) Nitrobenzene-d5	8.971	82	5443	0.445	ng		-0.01
11) 2-Methylnaphthalene-d10	12.174	152	7325	0.371	ng		-0.01
14) 2,4,6-Tribromophenol	15.918	330	976	0.285	ng		-0.01
15) 2-Fluorobiphenyl	13.049	172	10273	0.469	ng		-0.02
27) Fluoranthene-d10	19.209	212	8117	0.394	ng		0.00
31) Terphenyl-d14	19.817	244	6453	0.431	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	1795	0.391	ng		97
3) n-Nitrosodimethylamine	3.716	42	2540	0.444	ng	#	87
6) bis(2-Chloroethyl)ether	7.255	93	5450	0.412	ng		99
9) Naphthalene	10.637	128	15548	0.397	ng		99
10) Hexachlorobutadiene	10.904	225	3007	0.376	ng	#	98
12) 2-Methylnaphthalene	12.246	142	9251	0.376	ng		99
16) Acenaphthylene	14.140	152	15815	0.589	ng		98
17) Acenaphthene	14.482	154	7668	0.430	ng		98
18) Fluorene	15.476	166	9363	0.415	ng		96
20) 4,6-Dinitro-2-methylph...	15.583	198	42	0.024	ng	#	1
21) 4-Bromophenyl-phenylether	16.377	248	2242	0.416	ng	#	92
22) Hexachlorobenzene	16.464	284	2591	0.392	ng		97
23) Atrazine	16.662	200	1913	0.405	ng		96
24) Pentachlorophenol	16.824	266	932	0.303	ng		99
25) Phenanthrene	17.209	178	10034	0.388	ng		98
26) Anthracene	17.308	178	9107	0.381	ng		98
28) Fluoranthene	19.241	202	10610	0.395	ng		98
30) Pyrene	19.604	202	11211	0.385	ng	#	95
32) Benzo(a)anthracene	21.356	228	8767	0.409	ng		92
33) Chrysene	21.410	228	8131	0.386	ng	#	96
34) Bis(2-ethylhexyl)phtha...	21.302	149	8107	0.160	ng	#	89
36) Indeno(1,2,3-cd)pyrene	26.108	276	8788	0.422	ng	#	81
37) Benzo(b)fluoranthene	23.000	252	8154	0.417	ng	#	48
38) Benzo(k)fluoranthene	23.050	252	7443	0.403	ng	#	49
39) Benzo(a)pyrene	23.602	252	6993	0.400	ng	#	45
40) Dibenzo(a,h)anthracene	26.134	278	6860	0.425	ng	#	42
41) Benzo(g,h,i)perylene	26.845	276	7714	0.425	ng	#	83

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

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