Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062124\
Data File : BN032158.D
Acq On : 22 Jun 2024 07:59
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 22 08:28:22 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 19 11:30:34 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.639	152	13175	0.400	ng		0.00
7) Naphthalene-d8	10.410	136	46322	0.400	ng		-0.01
13) Acenaphthene-d10	14.274	164	30089	0.400	ng		-0.01
19) Phenanthrene-d10	17.029	188	60446	0.400	ng		0.00
29) Chrysene-d12	21.220	240	34934	0.400	ng		# 0.00
35) Perylene-d12	23.446	264	31382	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.241	112	12320	0.329	ng		0.00
5) Phenol-d6	6.815	99	17646	0.359	ng		-0.01
8) Nitrobenzene-d5	8.787	82	12888	0.335	ng		-0.01
11) 2-Methylnaphthalene-d10	12.009	152	28763	0.390	ng		-0.01
14) 2,4,6-Tribromophenol	15.775	330	4782	0.332	ng		-0.01
15) 2-Fluorobiphenyl	12.895	172	45059	0.395	ng		-0.01
27) Fluoranthene-d10	19.063	212	53834	0.327	ng		0.00
31) Terphenyl-d14	19.667	244	40535	0.475	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.197	88	6716	0.416	ng		97
3) n-Nitrosodimethylamine	3.508	42	4626	0.302	ng		98
6) bis(2-Chloroethyl)ether	7.075	93	13991	0.331	ng		98
9) Naphthalene	10.464	128	48392	0.388	ng		99
10) Hexachlorobutadiene	10.731	225	9088	0.417	ng	#	99
12) 2-Methylnaphthalene	12.081	142	34507	0.405	ng		99
16) Acenaphthylene	13.996	152	49410	0.356	ng		100
17) Acenaphthene	14.338	154	34316	0.384	ng		100
18) Fluorene	15.333	166	44062	0.369	ng		100
20) 4,6-Dinitro-2-methylph...	15.439	198	2034	0.335	ng		94
21) 4-Bromophenyl-phenylether	16.222	248	14484	0.422	ng		94
22) Hexachlorobenzene	16.334	284	16099	0.453	ng		97
23) Atrazine	16.495	200	10214	0.325	ng		96
24) Pentachlorophenol	16.693	266	4741	0.380	ng		99
25) Phenanthrene	17.066	178	67033	0.400	ng		100
26) Anthracene	17.165	178	57761	0.371	ng		100
28) Fluoranthene	19.096	202	69794	0.343	ng		99
30) Pyrene	19.458	202	68722	0.495	ng		100
32) Benzo(a)anthracene	21.211	228	50578	0.384	ng		100
33) Chrysene	21.265	228	49905	0.401	ng		100
34) Bis(2-ethylhexyl)phtha...	21.139	149	35567	0.396	ng		99
36) Indeno(1,2,3-cd)pyrene	25.689	276	51174	0.437	ng		99
37) Benzo(b)fluoranthene	22.777	252	48764	0.426	ng		99
38) Benzo(k)fluoranthene	22.823	252	48291	0.447	ng		99
39) Benzo(a)pyrene	23.350	252	41414	0.420	ng		98
40) Dibenzo(a,h)anthracene	25.700	278	40944	0.444	ng		97
41) Benzo(g,h,i)perylene	26.373	276	43508	0.439	ng		99

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

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