Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122023\
Data File : BN029130.D
Acq On : 20 Dec 2023 12:24
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 20 13:51:32 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 08 23:27:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	883	0.400	ng		0.01
7) Naphthalene-d8	10.573	136	1625	0.400	ng	#	0.01
13) Acenaphthene-d10	14.425	164	762	0.400	ng		0.03
19) Phenanthrene-d10	17.181	188	1417	0.400	ng	#	0.03
29) Chrysene-d12	21.384	240	754	0.400	ng	#	0.04
35) Perylene-d12	23.707	264	878	0.400	ng	#	0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	817	0.409	ng		0.01
5) Phenol-d6	7.002	99	918	0.384	ng		0.02
8) Nitrobenzene-d5	8.961	82	766	0.391	ng		0.02
11) 2-Methylnaphthalene-d10	12.170	152	915	0.268	ng		0.02
14) 2,4,6-Tribromophenol	15.927	330	259	0.308	ng		0.03
15) 2-Fluorobiphenyl	13.057	172	1622	0.411	ng		0.03
27) Fluoranthene-d10	19.220	212	1302	0.292	ng		0.03
31) Terphenyl-d14	19.828	244	811	0.425	ng		0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.362	88	270	0.380	ng	#	95
3) n-Nitrosodimethylamine	3.723	42	201	0.466	ng	#	93
6) bis(2-Chloroethyl)ether	7.248	93	702	0.415	ng		94
9) Naphthalene	10.626	128	1968	0.388	ng		96
10) Hexachlorobutadiene	10.893	225	704	0.315	ng	#	96
12) 2-Methylnaphthalene	12.242	142	1310	0.318	ng		95
16) Acenaphthylene	14.148	152	2046	0.488	ng		99
17) Acenaphthene	14.490	154	1186	0.451	ng		95
18) Fluorene	15.484	166	1614	0.384	ng		98
20) 4,6-Dinitro-2-methylph...	15.580	198	211	0.494	ng	#	66
21) 4-Bromophenyl-phenylether	16.387	248	560	0.437	ng	#	93
22) Hexachlorobenzene	16.473	284	663	0.455	ng	#	80
23) Atrazine	16.672	200	469	0.415	ng	#	93
24) Pentachlorophenol	16.833	266	437	0.548	ng		98
25) Phenanthrene	17.218	178	2127	0.450	ng		99
26) Anthracene	17.317	178	2110	0.461	ng		97
28) Fluoranthene	19.248	202	2293	0.353	ng	#	96
30) Pyrene	19.615	202	2269	0.485	ng		97
32) Benzo(a)anthracene	21.367	228	1581	0.413	ng		95
33) Chrysene	21.420	228	1549	0.412	ng	#	90
34) Bis(2-ethylhexyl)phtha...	21.313	149	1810	0.768	ng	#	91
36) Indeno(1,2,3-cd)pyrene	26.086	276	2046	0.457	ng	#	96
37) Benzo(b)fluoranthene	23.002	252	1711	0.363	ng	#	80
38) Benzo(k)fluoranthene	23.052	252	1634	0.370	ng	#	81
39) Benzo(a)pyrene	23.604	252	1428	0.366	ng	#	76
40) Dibenzo(a,h)anthracene	26.113	278	1579	0.457	ng	#	76
41) Benzo(g,h,i)perylene	26.809	276	1777	0.470	ng	#	79

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

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