Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122123\
Data File : BN029148.D
Acq On : 21 Dec 2023 13:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Dec 21 14:23:20 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 20 18:03:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.789	152	797	0.400	ng		0.00
7) Naphthalene-d8	10.573	136	1577	0.400	ng		-0.01
13) Acenaphthene-d10	14.426	164	942	0.400	ng		0.00
19) Phenanthrene-d10	17.181	188	1882	0.400	ng	#	0.00
29) Chrysene-d12	21.385	240	857	0.400	ng		0.00
35) Perylene-d12	23.709	264	922	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	703	0.368	ng		-0.01
5) Phenol-d6	6.995	99	792	0.378	ng		0.00
8) Nitrobenzene-d5	8.961	82	702	0.342	ng		0.00
11) 2-Methylnaphthalene-d10	12.170	152	1009	0.422	ng		0.00
14) 2,4,6-Tribromophenol	15.927	330	292	0.355	ng		0.00
15) 2-Fluorobiphenyl	13.057	172	1849	0.336	ng		0.00
27) Fluoranthene-d10	19.220	212	1705	0.374	ng		0.00
31) Terphenyl-d14	19.833	244	1020	0.433	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.326	88	295	0.393	ng		97
3) n-Nitrosodimethylamine	3.687	42	209	0.406	ng	#	66
6) bis(2-Chloroethyl)ether	7.240	93	557	0.342	ng		96
9) Naphthalene	10.626	128	1852	0.360	ng		99
10) Hexachlorobutadiene	10.893	225	675	0.399	ng	#	98
12) 2-Methylnaphthalene	12.246	142	1336	0.398	ng		97
16) Acenaphthylene	14.148	152	2227	0.335	ng		99
17) Acenaphthene	14.490	154	1389	0.349	ng		95
18) Fluorene	15.484	166	1993	0.371	ng		99
20) 4,6-Dinitro-2-methylph...	15.580	198	140	0.219	ng		93
21) 4-Bromophenyl-phenylether	16.387	248	681	0.350	ng	#	92
22) Hexachlorobenzene	16.473	284	802	0.354	ng		92
23) Atrazine	16.672	200	626	0.383	ng	#	91
24) Pentachlorophenol	16.833	266	454	0.338	ng		88
25) Phenanthrene	17.218	178	2802	0.361	ng		97
26) Anthracene	17.317	178	2711	0.361	ng		99
28) Fluoranthene	19.248	202	2987	0.372	ng		100
30) Pyrene	19.615	202	2899	0.429	ng		99
32) Benzo(a)anthracene	21.376	228	1816	0.385	ng		96
33) Chrysene	21.420	228	1760	0.378	ng		96
34) Bis(2-ethylhexyl)phtha...	21.313	149	2179	0.377	ng		99
36) Indeno(1,2,3-cd)pyrene	26.084	276	2150	0.362	ng	#	68
37) Benzo(b)fluoranthene	23.008	252	1770	0.377	ng		98
38) Benzo(k)fluoranthene	23.052	252	1729	0.377	ng		96
39) Benzo(a)pyrene	23.604	252	1597	0.382	ng		97
40) Dibenzo(a,h)anthracene	26.113	278	1674	0.366	ng		96
41) Benzo(g,h,i)perylene	26.811	276	1863	0.370	ng		99

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

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