Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
Data File : BN029219.D
Acq On : 28 Dec 2023 18:00
Operator : MA/JU
Sample : 05967-13MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0LT0MSD

Quant Time: Dec 29 01:39:15 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN122723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 28 01:20:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	806	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	1716	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	1167	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1969	0.400	ng		0.00
29) Chrysene-d12	21.340	240	847	0.400	ng	#	0.00
35) Perylene-d12	23.628	264	912	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	146	0.078	ng		0.00
5) Phenol-d6	6.944	99	109	0.052	ng		0.00
8) Nitrobenzene-d5	8.907	82	418	0.194	ng		0.00
11) 2-Methylnaphthalene-d10	12.113	152	747	0.252	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	155	0.172	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	1276	0.204	ng		0.00
27) Fluoranthene-d10	19.169	212	962	0.240	ng		0.00
31) Terphenyl-d14	19.782	244	794	0.302	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.283	88	62	0.085	ng	#	24
3) n-Nitrosodimethylamine	3.615	42	74	0.120	ng	#	42
6) bis(2-Chloroethyl)ether	7.190	93	267	0.186	ng		93
9) Naphthalene	10.573	128	1090	0.209	ng		99
10) Hexachlorobutadiene	10.840	225	265	0.178	ng	#	94
12) 2-Methylnaphthalene	12.189	142	800	0.208	ng		96
16) Acenaphthylene	14.094	152	1657	0.216	ng		99
17) Acenaphthene	14.436	154	933	0.197	ng		98
18) Fluorene	15.430	166	1501	0.219	ng		89
20) 4,6-Dinitro-2-methylph...	15.530	198	143	0.250	ng	#	78
21) 4-Bromophenyl-phenylether	16.324	248	384	0.226	ng	#	71
22) Hexachlorobenzene	16.424	284	452	0.226	ng		96
23) Atrazine	16.622	200	436	0.264	ng		92
24) Pentachlorophenol	16.784	266	506	0.390	ng		90
25) Phenanthrene	17.168	178	2234	0.256	ng		96
26) Anthracene	17.268	178	2144	0.252	ng		99
28) Fluoranthene	19.201	202	2126	0.272	ng	#	97
30) Pyrene	19.564	202	2162	0.253	ng		99
32) Benzo(a)anthracene	21.322	228	1370	0.280	ng		98
33) Chrysene	21.375	228	1298	0.266	ng		96
34) Bis(2-ethylhexyl)phtha...	21.268	149	2115	0.298	ng		96
36) Indeno(1,2,3-cd)pyrene	25.964	276	1470	0.232	ng		95
37) Benzo(b)fluoranthene	22.932	252	1313	0.266	ng		97
38) Benzo(k)fluoranthene	22.978	252	1295	0.271	ng		93
39) Benzo(a)pyrene	23.522	252	1053	0.235	ng		93
40) Dibenzo(a,h)anthracene	25.987	278	1111	0.230	ng		96
41) Benzo(g,h,i)perylene	26.671	276	1204	0.225	ng		95

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

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