Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122823\
Data File : BN029218.D
Acq On : 28 Dec 2023 17:24
Operator : MA/JU
Sample : 05967-12MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0LT0MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 12/29/2023
Supervised By :mohammad ahmed 12/29/2023

Quant Time: Dec 28 17:50:59 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	7.731	152	784	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	1697	0.400	ng		0.00
13) Acenaphthene-d10	14.372	164	1090	0.400	ng		0.00
19) Phenanthrene-d10	17.131	188	1937	0.400	ng		0.00
29) Chrysene-d12	21.340	240	797	0.400	ng		0.00
35) Perylene-d12	23.630	264	894	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.341	112	130	0.071	ng		0.00
5) Phenol-d6	6.944	99	96	0.047	ng		0.00
8) Nitrobenzene-d5	8.907	82	357	0.168	ng		0.00
11) 2-Methylnaphthalene-d10	12.113	152	672	0.229	ng		0.00
14) 2,4,6-Tribromophenol	15.878	330	141	0.168	ng		0.00
15) 2-Fluorobiphenyl	13.004	172	1121	0.192	ng		0.00
27) Fluoranthene-d10	19.169	212	831	0.211	ng		0.00
31) Terphenyl-d14	19.782	244	672	0.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	74m	0.104	ng		
3) n-Nitrosodimethylamine	3.615	42	78	0.131	ng	#	38
6) bis(2-Chloroethyl)ether	7.190	93	278	0.199	ng		98
9) Naphthalene	10.573	128	928	0.180	ng		96
10) Hexachlorobutadiene	10.840	225	243	0.165	ng	#	95
12) 2-Methylnaphthalene	12.189	142	736	0.193	ng		95
16) Acenaphthylene	14.094	152	1483	0.207	ng		99
17) Acenaphthene	14.436	154	847	0.191	ng		99
18) Fluorene	15.430	166	1235	0.193	ng		98
20) 4,6-Dinitro-2-methylph...	15.530	198	117	0.226	ng	#	70
21) 4-Bromophenyl-phenylether	16.337	248	341	0.204	ng		92
22) Hexachlorobenzene	16.424	284	384	0.196	ng		98
23) Atrazine	16.622	200	379	0.234	ng		96
24) Pentachlorophenol	16.784	266	464	0.364	ng		94
25) Phenanthrene	17.168	178	2041	0.238	ng		99
26) Anthracene	17.268	178	1842	0.220	ng		97
28) Fluoranthene	19.201	202	1864	0.243	ng	#	96
30) Pyrene	19.563	202	1901	0.237	ng		100
32) Benzo(a)anthracene	21.322	228	1177	0.255	ng		97
33) Chrysene	21.375	228	1163	0.253	ng		96
34) Bis(2-ethylhexyl)phtha...	21.268	149	1824	0.273	ng	#	95
36) Indeno(1,2,3-cd)pyrene	25.966	276	1319	0.213	ng	#	80
37) Benzo(b)fluoranthene	22.935	252	1146	0.237	ng	#	88
38) Benzo(k)fluoranthene	22.984	252	1074	0.229	ng		92
39) Benzo(a)pyrene	23.525	252	983	0.224	ng		94
40) Dibenzo(a,h)anthracene	25.990	278	1001	0.211	ng	#	87
41) Benzo(g,h,i)perylene	26.677	276	1088	0.207	ng		96

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

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