Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082923\
Data File : BN027243.D
Acq On : 29 Aug 2023 16:07
Operator : MA/JU
Sample : 04126-10MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW201D1-20230819MS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/30/2023
Supervised By :mohammad ahmed 08/30/2023

Quant Time: Aug 30 00:39:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 29 05:37:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.073	152	4378	0.400	ng		0.00
7) Naphthalene-d8	10.895	136	11968	0.400	ng		0.00
13) Acenaphthene-d10	14.694	164	7172	0.400	ng		0.00
19) Phenanthrene-d10	17.443	188	16962	0.400	ng		0.00
29) Chrysene-d12	21.623	240	14193	0.400	ng		0.00
35) Perylene-d12	24.148	264	12996	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.589	112	2934	0.257	ng		0.00
5) Phenol-d6	7.207	99	2095	0.151	ng		0.00
8) Nitrobenzene-d5	9.262	82	4285	0.491	ng		0.00
11) 2-Methylnaphthalene-d10	12.468	152	9641m	0.549	ng		0.00
14) 2,4,6-Tribromophenol	16.189	330	1434	0.540	ng		0.00
15) 2-Fluorobiphenyl	13.326	172	14058	0.515	ng		0.00
27) Fluoranthene-d10	19.467	212	22459	0.533	ng		0.00
31) Terphenyl-d14	20.053	244	17042	0.598	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.458	88	1785	0.334	ng	#	74
3) n-Nitrosodimethylamine	3.805	42	1104	0.195	ng	#	94
6) bis(2-Chloroethyl)ether	7.495	93	5889	0.439	ng		98
9) Naphthalene	10.949	128	14461	0.443	ng		99
10) Hexachlorobutadiene	11.173	225	2740	0.450	ng	#	100
12) 2-Methylnaphthalene	12.540	142	9848	0.424	ng		99
16) Acenaphthylene	14.427	152	14757	0.452	ng		100
17) Acenaphthene	14.758	154	9706	0.446	ng		99
18) Fluorene	15.742	166	13702	0.472	ng		100
20) 4,6-Dinitro-2-methylph...	16.897	198	116	0.480	ng	#	66
21) 4-Bromophenyl-phenylether	16.624	248	3943	0.441	ng	#	75
22) Hexachlorobenzene	16.710	284	4997	0.471	ng		99
23) Atrazine	16.897	200	2983	0.446	ng		97
24) Pentachlorophenol	17.070	266	2705	0.663	ng		98
25) Phenanthrene	17.480	178	23142	0.464	ng		100
26) Anthracene	17.579	178	18778	0.443	ng		100
28) Fluoranthene	19.495	202	27341	0.466	ng		100
30) Pyrene	19.862	202	28544	0.506	ng		100
32) Benzo(a)anthracene	21.605	228	23096	0.475	ng		99
33) Chrysene	21.659	228	25005	0.468	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	13313	0.567	ng		96
36) Indeno(1,2,3-cd)pyrene	26.820	276	21479	0.407	ng		99
37) Benzo(b)fluoranthene	23.364	252	24196	0.481	ng		99
38) Benzo(k)fluoranthene	23.414	252	22399	0.433	ng		99
39) Benzo(a)pyrene	24.034	252	18716	0.398	ng		99
40) Dibenzo(a,h)anthracene	26.852	278	17486	0.423	ng		100
41) Benzo(g,h,i)perylene	27.650	276	18881	0.394	ng		99

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

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