Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN083023\
Data File : BN027348.D
Acq On : 01 Sep 2023 16:43
Operator : MA/JU
Sample : 04126-20MSD
Misc :
ALS Vial : 129 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE131D1-20230821MSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 09/04/2023
Supervised By :mohammad ahmed 09/04/2023

Quant Time: Sep 02 01:54:11 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 01 09:08:53 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.059	152	4731	0.400	ng		0.00
7) Naphthalene-d8	10.885	136	13543	0.400	ng		0.00
13) Acenaphthene-d10	14.683	164	8196	0.400	ng		0.00
19) Phenanthrene-d10	17.430	188	19368	0.400	ng		0.00
29) Chrysene-d12	21.614	240	14896	0.400	ng		0.00
35) Perylene-d12	24.139	264	13005	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.581	112	2440	0.198	ng		0.00
5) Phenol-d6	7.199	99	1741	0.116	ng		0.00
8) Nitrobenzene-d5	9.251	82	4109	0.416	ng		0.00
11) 2-Methylnaphthalene-d10	12.457	152	8166	0.411	ng		0.00
14) 2,4,6-Tribromophenol	16.177	330	1527	0.503	ng		0.00
15) 2-Fluorobiphenyl	13.315	172	12430	0.399	ng		0.00
27) Fluoranthene-d10	19.458	212	22433	0.466	ng		0.00
31) Terphenyl-d14	20.043	244	16259	0.543	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.451	88	55522	9.613	ng		96
3) n-Nitrosodimethylamine	3.798	42	940	0.153	ng	#	98
6) bis(2-Chloroethyl)ether	7.488	93	4964	0.342	ng		97
9) Naphthalene	10.938	128	13003	0.352	ng		100
10) Hexachlorobutadiene	11.162	225	2265	0.329	ng	#	99
12) 2-Methylnaphthalene	12.532	142	8475	0.323	ng		99
16) Acenaphthylene	14.416	152	13378	0.359	ng		99
17) Acenaphthene	14.747	154	9007	0.362	ng		97
18) Fluorene	15.730	166	12819	0.386	ng		100
20) 4,6-Dinitro-2-methylph...	16.884	198	109	0.395	ng		79
21) 4-Bromophenyl-phenylether	16.623	248	3518	0.345	ng		96
22) Hexachlorobenzene	16.698	284	4523	0.373	ng		99
23) Atrazine	16.884	200	2768	0.362	ng		99
24) Pentachlorophenol	17.058	266	2876	0.617	ng		99
25) Phenanthrene	17.480	178	24665	0.433	ng		100
26) Anthracene	17.567	178	19566	0.405	ng		99
28) Fluoranthene	19.486	202	29648	0.443	ng		100
30) Pyrene	19.853	202	30437	0.514	ng		100
32) Benzo(a)anthracene	21.596	228	22459	0.440	ng		100
33) Chrysene	21.650	228	25359	0.452	ng		99
34) Bis(2-ethylhexyl)phtha...	21.470	149	9297	0.377	ng	#	96
36) Indeno(1,2,3-cd)pyrene	26.808	276	20469	0.388	ng		100
37) Benzo(b)fluoranthene	23.352	252	23590	0.469	ng		99
38) Benzo(k)fluoranthene	23.405	252	22760m	0.440	ng		
39) Benzo(a)pyrene	24.025	252	18861	0.401	ng		100
40) Dibenzo(a,h)anthracene	26.837	278	16015	0.387	ng		98
41) Benzo(g,h,i)perylene	27.633	276	18437	0.384	ng		99

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

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