Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN081824\
Data File : BN033474.D
Acq On : 17 Aug 2024 18:45
Operator : MA/JU
Sample : P3580-01MSD
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
926-K1-SD-0-0.5-081224MSD

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 08/19/2024
Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 17 23:32:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 16 04:44:11 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.559	152	8661	0.400	ng		-0.01
7) Naphthalene-d8	10.314	136	22046	0.400	ng		-0.02
13) Acenaphthene-d10	14.189	164	9836	0.400	ng		-0.01
19) Phenanthrene-d10	16.942	188	18057	0.400	ng		-0.01
29) Chrysene-d12	21.148	240	16304	0.400	ng		0.00
35) Perylene-d12	23.320	264	18786	0.400	ng		#-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.191	112	5273	0.220	ng		0.00
5) Phenol-d6	6.743	99	5793	0.179	ng		0.00
8) Nitrobenzene-d5	8.691	82	3836	0.231	ng		-0.01
11) 2-Methylnaphthalene-d10	11.918	152	8450	0.249	ng		-0.01
14) 2,4,6-Tribromophenol	15.688	330	824	0.163	ng		-0.01
15) 2-Fluorobiphenyl	12.810	172	7987	0.198	ng		-0.01
27) Fluoranthene-d10	18.984	212	8195	0.170	ng		0.00
31) Terphenyl-d14	19.597	244	5719	0.186	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.190	88	3550	0.369	ng	#	69
3) n-Nitrosodimethylamine	3.479	42	4384	0.354	ng		85
6) bis(2-Chloroethyl)ether	6.996	93	10130	0.387	ng		98
9) Naphthalene	10.368	128	35183	0.579	ng		100
10) Hexachlorobutadiene	10.667	225	4552	0.392	ng	#	100
12) 2-Methylnaphthalene	11.990	142	18977	0.462	ng		99
16) Acenaphthylene	13.911	152	19897	0.433	ng		99
17) Acenaphthene	14.253	154	37905	1.203	ng		98
18) Fluorene	15.247	166	44720	1.077	ng		100
20) 4,6-Dinitro-2-methylph...	15.322	198	751	0.343	ng	#	41
21) 4-Bromophenyl-phenylether	16.147	248	4309	0.399	ng	#	83
22) Hexachlorobenzene	16.259	284	4760	0.393	ng		99
23) Atrazine	16.420	200	3473	0.405	ng	#	89
24) Pentachlorophenol	16.594	266	3620	0.739	ng		100
25) Phenanthrene	16.979	178	472843	9.065	ng		100
26) Anthracene	17.078	178	87449	1.894	ng	#	95
28) Fluoranthene	19.012	202	684503	10.660	ng		100
30) Pyrene	19.374	202	558083	8.598	ng	#	95
32) Benzo(a)anthracene	21.130	228	277648	4.559	ng		99
33) Chrysene	21.184	228	275359	4.491	ng		97
34) Bis(2-ethylhexyl)phtha...	21.095	149	17781	0.642	ng		99
36) Indeno(1,2,3-cd)pyrene	25.475	276	205000	2.641	ng		94
37) Benzo(b)fluoranthene	22.674	252	372644	5.271	ng		99
38) Benzo(k)fluoranthene	22.715	252	171030m	2.370	ng		
39) Benzo(a)pyrene	23.224	252	267933	4.499	ng		97
40) Dibenzo(a,h)anthracene	25.493	278	61844	1.009	ng		99
41) Benzo(g,h,i)perylene	26.130	276	198734	2.923	ng		98

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

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