Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092624\
Data File : BN034269.D
Acq On : 27 Sep 2024 07:57
Operator : RC/JU
Sample : P4164-02MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW8-MW01S-20240919MS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/28/2024
Supervised By :mohammad ahmed 09/28/2024

Quant Time: Sep 27 08:28:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 26 14:44:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.394	152	4787	0.400	ng		0.00
7) Naphthalene-d8	10.148	136	13027	0.400	ng	#	0.00
13) Acenaphthene-d10	14.040	164	6117	0.400	ng		0.00
19) Phenanthrene-d10	16.796	188	11625	0.400	ng	#	0.00
29) Chrysene-d12	21.017	240	6943	0.400	ng		0.00
35) Perylene-d12	23.133	264	3676	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.040	112	2112	0.155	ng		0.00
5) Phenol-d6	6.600	99	1156	0.073	ng		0.00
8) Nitrobenzene-d5	8.536	82	2990	0.300	ng		0.00
11) 2-Methylnaphthalene-d10	11.750	152	7354	0.382	ng		0.00
14) 2,4,6-Tribromophenol	15.555	330	372	0.134	ng		0.00
15) 2-Fluorobiphenyl	12.661	172	7899	0.317	ng		0.00
27) Fluoranthene-d10	18.843	212	10167	0.347	ng		0.00
31) Terphenyl-d14	19.466	244	6639	0.479	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.039	88	5150	0.861	ng	#	60
3) n-Nitrosodimethylamine	3.343	42	1171	0.172	ng	#	95
6) bis(2-Chloroethyl)ether	6.846	93	4064	0.291	ng		96
9) Naphthalene	10.201	128	11516	0.322	ng		99
10) Hexachlorobutadiene	10.490	225	1815	0.269	ng	#	99
12) 2-Methylnaphthalene	11.825	142	6980	0.300	ng		98
16) Acenaphthylene	13.763	152	7518	0.287	ng		100
17) Acenaphthene	14.105	154	6500	0.346	ng		100
18) Fluorene	15.099	166	8162	0.331	ng		99
20) 4,6-Dinitro-2-methylph...	16.299	198	36	0.154	ng	#	1
21) 4-Bromophenyl-phenylether	16.002	248	2262	0.346	ng	#	71
22) Hexachlorobenzene	16.113	284	2692	0.367	ng		96
23) Atrazine	16.299	200	912m	0.168	ng		
24) Pentachlorophenol	16.461	266	921	0.380	ng		99
25) Phenanthrene	16.833	178	13144m	0.394	ng		
26) Anthracene	16.933	178	9485	0.348	ng		99
28) Fluoranthene	18.876	202	14286	0.369	ng		99
30) Pyrene	19.238	202	12829	0.438	ng		100
32) Benzo(a)anthracene	21.008	228	4555	0.207	ng		98
33) Chrysene	21.053	228	11110	0.424	ng		99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1220	0.133	ng	#	86
36) Indeno(1,2,3-cd)pyrene	25.197	276	9477	0.602	ng		100
37) Benzo(b)fluoranthene	22.508	252	9682	0.672	ng	#	91
38) Benzo(k)fluoranthene	22.549	252	10864m	0.719	ng		
39) Benzo(a)pyrene	23.037	252	6100	0.520	ng	#	80
40) Dibenzo(a,h)anthracene	25.209	278	8018	0.655	ng	#	91
41) Benzo(g,h,i)perylene	25.820	276	8114	0.590	ng		96

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

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