Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082024\
Data File : BN033531.D
Acq On : 21 Aug 2024 07:39
Operator : MA/JU
Sample : P3643-02MS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
932-K1-SD-0-0.5-081524MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 21 08:04:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 19 23:32:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.552	152	7686	0.400	ng	0.00
7) Naphthalene-d8	10.314	136	19833	0.400	ng	# 0.00
13) Acenaphthene-d10	14.178	164	8933	0.400	ng	-0.01
19) Phenanthrene-d10	16.929	188	16436	0.400	ng	#-0.01
29) Chrysene-d12	21.139	240	12330	0.400	ng	0.00
35) Perylene-d12	23.309	264	13621	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.183	112	4328	0.177	ng	0.00
5) Phenol-d6	6.736	99	5044	0.174	ng	0.00
8) Nitrobenzene-d5	8.681	82	3364	0.205	ng	-0.01
11) 2-Methylnaphthalene-d10	11.907	152	7195m	0.254	ng	0.00
14) 2,4,6-Tribromophenol	15.676	330	591	0.123	ng	-0.01
15) 2-Fluorobiphenyl	12.799	172	5823	0.160	ng	-0.01
27) Fluoranthene-d10	18.975	212	4418	0.112	ng	0.00
31) Terphenyl-d14	19.588	244	2641	0.094	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.183	88	2798	0.316	ng	# 48
3) n-Nitrosodimethylamine	3.471	42	3887	0.378	ng	# 87
6) bis(2-Chloroethyl)ether	6.989	93	7908	0.384	ng	99
9) Naphthalene	10.357	128	19614	0.370	ng	99
10) Hexachlorobutadiene	10.656	225	3724	0.352	ng	# 100
12) 2-Methylnaphthalene	11.983	142	12090	0.360	ng	98
16) Acenaphthylene	13.900	152	14880	0.380	ng	99
17) Acenaphthene	14.242	154	9936	0.361	ng	97
18) Fluorene	15.236	166	12290	0.354	ng	98
20) 4,6-Dinitro-2-methylph...	15.322	198	743	0.289	ng	# 87
21) 4-Bromophenyl-phenylether	16.135	248	3585	0.359	ng	# 84
22) Hexachlorobenzene	16.247	284	3984	0.362	ng	98
23) Atrazine	16.420	200	2718	0.341	ng	# 93
24) Pentachlorophenol	16.594	266	2142	0.449	ng	98
25) Phenanthrene	16.979	178	23378	0.511	ng	99
26) Anthracene	17.066	178	16404	0.405	ng	100
28) Fluoranthene	19.003	202	31815	0.630	ng	100
30) Pyrene	19.365	202	31237	0.568	ng	98
32) Benzo(a)anthracene	21.121	228	22592	0.507	ng	98
33) Chrysene	21.175	228	23898	0.539	ng	98
34) Bis(2-ethylhexyl)phtha...	21.085	149	11163m	0.396	ng	
36) Indeno(1,2,3-cd)pyrene	25.457	276	27498	0.486	ng	98
37) Benzo(b)fluoranthene	22.665	252	27223	0.535	ng	99
38) Benzo(k)fluoranthene	22.706	252	23590m	0.471	ng	
39) Benzo(a)pyrene	23.215	252	22743	0.540	ng	99
40) Dibenzo(a,h)anthracene	25.475	278	18499	0.409	ng	99
41) Benzo(g,h,i)perylene	26.112	276	23501	0.486	ng	99

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

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