Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082224\
Data File : BN033577.D
Acq On : 23 Aug 2024 06:30
Operator : MA/JU
Sample : P3660-06MS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
S-906-J-0-0.5-081624MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/23/2024
Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 06:58:41 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN081924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 23 00:22:18 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.545	152	7943	0.400	ng		0.00
7) Naphthalene-d8	10.304	136	20409	0.400	ng		0.00
13) Acenaphthene-d10	14.178	164	9877	0.400	ng		0.00
19) Phenanthrene-d10	16.929	188	20268	0.400	ng		0.00
29) Chrysene-d12	21.139	240	18737	0.400	ng		0.00
35) Perylene-d12	23.303	264	20324	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.183	112	4884	0.193	ng		0.00
5) Phenol-d6	6.736	99	6047	0.201	ng		0.00
8) Nitrobenzene-d5	8.681	82	4005	0.237	ng		0.00
11) 2-Methylnaphthalene-d10	11.899	152	6072	0.208	ng		0.00
14) 2,4,6-Tribromophenol	15.676	330	944	0.178	ng		0.00
15) 2-Fluorobiphenyl	12.799	172	7155	0.177	ng		0.00
27) Fluoranthene-d10	18.970	212	7448	0.153	ng		0.00
31) Terphenyl-d14	19.583	244	4633	0.109	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.183	88	3112	0.340	ng	#	25
3) n-Nitrosodimethylamine	3.464	42	3904	0.367	ng	#	91
6) bis(2-Chloroethyl)ether	6.989	93	18579	0.872	ng	#	55
9) Naphthalene	10.357	128	21554	0.395	ng		99
10) Hexachlorobutadiene	10.656	225	3705	0.341	ng	#	100
12) 2-Methylnaphthalene	11.975	142	13183	0.382	ng		99
16) Acenaphthylene	13.889	152	19106	0.441	ng		100
17) Acenaphthene	14.242	154	18259	0.599	ng		98
18) Fluorene	15.236	166	20357	0.530	ng		97
20) 4,6-Dinitro-2-methylph...	15.311	198	730	0.231	ng	#	58
21) 4-Bromophenyl-phenylether	16.135	248	4075	0.331	ng		97
22) Hexachlorobenzene	16.247	284	4569	0.336	ng		97
23) Atrazine	16.408	200	3578	0.364	ng		95
24) Pentachlorophenol	16.582	266	4228	0.718	ng		98
25) Phenanthrene	16.967	178	207363	3.678	ng		97
26) Anthracene	17.066	178	45331	0.909	ng	#	96
28) Fluoranthene	19.003	202	515000	8.265	ng		100
30) Pyrene	19.365	202	445277	5.325	ng	#	95
32) Benzo(a)anthracene	21.121	228	225820	3.334	ng		98
33) Chrysene	21.175	228	276612	4.108	ng		98
34) Bis(2-ethylhexyl)phtha...	21.086	149	22781m	0.531	ng		
36) Indeno(1,2,3-cd)pyrene	25.449	276	212548	2.519	ng		94
37) Benzo(b)fluoranthene	22.660	252	402499	5.303	ng	#	93
38) Benzo(k)fluoranthene	22.701	252	142378m	1.906	ng		
39) Benzo(a)pyrene	23.206	252	245755m	3.913	ng		
40) Dibenzo(a,h)anthracene	25.466	278	62138	0.921	ng		97
41) Benzo(g,h,i)perylene	26.104	276	208604	2.891	ng		97

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

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