Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
Data File : BN030091.D
Acq On : 27 Feb 2024 14:44
Operator : MA/JU
Sample : P1577-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Feb 28 00:19:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 26 02:39:45 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20240221MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/28/2024
Supervised By :mohammad ahmed 02/29/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3888	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10345	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	4438	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	8184	0.400	ng	#-0.01
29) Chrysene-d12	21.447	240	6004	0.400	ng	0.00
35) Perylene-d12	23.812	264	6066	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1210	0.130	ng	0.00
5) Phenol-d6	7.024	99	800	0.074	ng	0.00
8) Nitrobenzene-d5	9.014	82	3090	0.359	ng	0.00
11) 2-Methylnaphthalene-d10	12.242	152	5369	0.381	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	466	0.327	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	7107	0.373	ng	0.00
27) Fluoranthene-d10	19.285	212	7963	0.402	ng	0.00
31) Terphenyl-d14	19.893	244	6024	0.404	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1558	0.285	ng	# 59
3) n-Nitrosodimethylamine	3.694	42	583	0.131	ng	# 83
6) bis(2-Chloroethyl)ether	7.291	93	3548	0.345	ng	99
9) Naphthalene	10.690	128	9984	0.339	ng	99
10) Hexachlorobutadiene	10.968	225	1808	0.324	ng	# 100
12) 2-Methylnaphthalene	12.314	142	5687	0.329	ng	97
16) Acenaphthylene	14.212	152	7202	0.342	ng	99
17) Acenaphthene	14.554	154	4726	0.334	ng	98
18) Fluorene	15.542	166	5774	0.325	ng	99
20) 4,6-Dinitro-2-methylph...	15.654	198	314	0.261	ng	# 80
21) 4-Bromophenyl-phenylether	16.449	248	1798m	0.369	ng	
22) Hexachlorobenzene	16.548	284	2120	0.355	ng	98
23) Atrazine	16.722	200	1373	0.396	ng	# 94
24) Pentachlorophenol	16.895	266	1599	0.844	ng	99
25) Phenanthrene	17.293	178	8939	0.369	ng	99
26) Anthracene	17.380	178	7707	0.374	ng	99
28) Fluoranthene	19.313	202	10305	0.379	ng	100
30) Pyrene	19.675	202	10697	0.387	ng	100
32) Benzo(a)anthracene	21.438	228	7666	0.374	ng	99
33) Chrysene	21.483	228	9303	0.399	ng	100
34) Bis(2-ethylhexyl)phtha...	21.376	149	4607	0.330	ng	99
36) Indeno(1,2,3-cd)pyrene	26.271	276	9207m	0.378	ng	
37) Benzo(b)fluoranthene	23.093	252	8331	0.384	ng	96
38) Benzo(k)fluoranthene	23.145	252	8920	0.393	ng	95
39) Benzo(a)pyrene	23.712	252	7561	0.400	ng	93
40) Dibenzo(a,h)anthracene	26.297	278	7046m	0.363	ng	
41) Benzo(g,h,i)perylene	26.993	276	8397	0.355	ng	99

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

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