Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022724\
Data File : BN030092.D
Acq On : 27 Feb 2024 15:21
Operator : MA/JU
Sample : P1577-03MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RW10A-MW01I-20240221MSD

Manual Integrations APPROVED

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

Quant Time: Feb 28 00:19:32 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3558	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	9376	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	4009	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	7467	0.400	ng	#-0.01
29) Chrysene-d12	21.456	240	6146	0.400	ng	# 0.00
35) Perylene-d12	23.815	264	6296	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.435	112	1125	0.132	ng	0.00
5) Phenol-d6	7.024	99	732	0.074	ng	0.00
8) Nitrobenzene-d5	9.014	82	2841	0.364	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	4771	0.374	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	454	0.353	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	6350	0.369	ng	0.00
27) Fluoranthene-d10	19.285	212	7583	0.419	ng	0.00
31) Terphenyl-d14	19.894	244	5806	0.381	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	1524	0.304	ng	# 65
3) n-Nitrosodimethylamine	3.695	42	494	0.121	ng	# 63
6) bis(2-Chloroethyl)ether	7.291	93	3225	0.343	ng	95
9) Naphthalene	10.690	128	9175	0.344	ng	99
10) Hexachlorobutadiene	10.968	225	1665	0.329	ng	# 99
12) 2-Methylnaphthalene	12.318	142	5192	0.331	ng	99
16) Acenaphthylene	14.212	152	6482	0.340	ng	99
17) Acenaphthene	14.554	154	4197	0.328	ng	96
18) Fluorene	15.543	166	5265	0.328	ng	99
20) 4,6-Dinitro-2-methylph...	15.654	198	282	0.257	ng	# 67
21) 4-Bromophenyl-phenylether	16.449	248	1594m	0.359	ng	
22) Hexachlorobenzene	16.548	284	1985	0.364	ng	92
23) Atrazine	16.722	200	1251	0.396	ng	# 94
24) Pentachlorophenol	16.896	266	1449	0.839	ng	97
25) Phenanthrene	17.293	178	8421	0.381	ng	99
26) Anthracene	17.380	178	7009	0.372	ng	99
28) Fluoranthene	19.313	202	9946	0.401	ng	99
30) Pyrene	19.680	202	10381	0.367	ng	99
32) Benzo(a)anthracene	21.438	228	7673	0.365	ng	99
33) Chrysene	21.492	228	9663	0.405	ng	99
34) Bis(2-ethylhexyl)phtha...	21.376	149	4496	0.314	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.271	276	9524m	0.376	ng	
37) Benzo(b)fluoranthene	23.099	252	8500	0.378	ng	96
38) Benzo(k)fluoranthene	23.145	252	9300	0.395	ng	96
39) Benzo(a)pyrene	23.710	252	7822	0.399	ng	93
40) Dibenzo(a,h)anthracene	26.303	278	6661	0.330	ng	96
41) Benzo(g,h,i)perylene	26.999	276	8402	0.342	ng	96

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

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