Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022624\
Data File : BN030072.D
Acq On : 27 Feb 2024 00:50
Operator : MA/JU
Sample : P1578-02MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
TT161S1-20240221MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 02/27/2024
Supervised By :mohammad ahmed 02/28/2024

Quant Time: Feb 27 02:46:48 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	3921	0.400	ng	0.00
7) Naphthalene-d8	10.648	136	10257	0.400	ng	0.00
13) Acenaphthene-d10	14.490	164	4339	0.400	ng	0.00
19) Phenanthrene-d10	17.243	188	8472	0.400	ng	#-0.01
29) Chrysene-d12	21.447	240	6190	0.400	ng	0.00
35) Perylene-d12	23.812	264	6295	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.428	112	1316	0.140	ng	0.00
5) Phenol-d6	7.024	99	800	0.074	ng	0.00
8) Nitrobenzene-d5	9.014	82	3367	0.394	ng	0.00
11) 2-Methylnaphthalene-d10	12.238	152	5777	0.414	ng	0.00
14) 2,4,6-Tribromophenol	16.002	330	505	0.363	ng	0.00
15) 2-Fluorobiphenyl	13.121	172	7126	0.383	ng	0.00
27) Fluoranthene-d10	19.285	212	8536	0.416	ng	0.00
31) Terphenyl-d14	19.893	244	6336	0.412	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.355	88	2077	0.376	ng	# 54
3) n-Nitrosodimethylamine	3.687	42	692	0.154	ng	# 93
6) bis(2-Chloroethyl)ether	7.291	93	3803	0.367	ng	99
9) Naphthalene	10.690	128	10148	0.347	ng	99
10) Hexachlorobutadiene	10.968	225	1793	0.324	ng	# 100
12) 2-Methylnaphthalene	12.314	142	5878	0.343	ng	98
16) Acenaphthylene	14.212	152	7246	0.352	ng	100
17) Acenaphthene	14.554	154	4762	0.344	ng	99
18) Fluorene	15.542	166	5823	0.336	ng	100
20) 4,6-Dinitro-2-methylph...	15.654	198	363	0.292	ng	# 74
21) 4-Bromophenyl-phenylether	16.448	248	1706m	0.338	ng	
22) Hexachlorobenzene	16.548	284	2199	0.356	ng	92
23) Atrazine	16.722	200	1437	0.401	ng	94
24) Pentachlorophenol	16.895	266	2002	1.021	ng	98
25) Phenanthrene	17.293	178	9573	0.382	ng	99
26) Anthracene	17.379	178	7843	0.367	ng	99
28) Fluoranthene	19.313	202	10927	0.388	ng	100
30) Pyrene	19.680	202	11217	0.394	ng	99
32) Benzo(a)anthracene	21.438	228	8632	0.408	ng	99
33) Chrysene	21.483	228	10072	0.419	ng	100
34) Bis(2-ethylhexyl)phtha...	21.375	149	5390	0.374	ng	98
36) Indeno(1,2,3-cd)pyrene	26.259	276	10547	0.417	ng	95
37) Benzo(b)fluoranthene	23.092	252	9650	0.429	ng	97
38) Benzo(k)fluoranthene	23.145	252	9894	0.420	ng	98
39) Benzo(a)pyrene	23.709	252	8673	0.442	ng	97
40) Dibenzo(a,h)anthracene	26.294	278	7812	0.388	ng	98
41) Benzo(g,h,i)perylene	26.996	276	10135	0.413	ng	99

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

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