Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121924\
Data File : BN035774.D
Acq On : 21 Dec 2024 10:37
Operator : RC/JU
Sample : P5317-19MS
Misc :
ALS Vial : 65 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE132D5-20241217MS

Manual Integrations APPROVED
Reviewed By :Jagrut Upadhyay 12/23/2024
Supervised By :mohammad ahmed 12/24/2024

Quant Time: Dec 22 23:49:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 19 23:06:19 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	680	0.400	ng	# 0.00
7) Naphthalene-d8	10.009	136	1707	0.400	ng	#-0.01
13) Acenaphthene-d10	13.924	164	1072	0.400	ng	-0.01
19) Phenanthrene-d10	16.711	188	1841	0.400	ng	# 0.01
29) Chrysene-d12	20.956	240	1192	0.400	ng	# 0.00
35) Perylene-d12	23.044	264	1056	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.939	112	243	0.143	ng	0.00
5) Phenol-d6	6.484	99	138	0.067	ng	0.00
8) Nitrobenzene-d5	8.408	82	411m	0.394	ng	0.00
11) 2-Methylnaphthalene-d10	11.616	152	1171	0.438	ng	0.00
14) 2,4,6-Tribromophenol	15.453	330	132	0.173	ng	0.00
15) 2-Fluorobiphenyl	12.544	172	1420	0.350	ng	0.00
27) Fluoranthene-d10	18.757	212	2185	0.419	ng	0.00
31) Terphenyl-d14	19.388	244	1642	0.698	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.974	88	4390	6.753	ng	98
3) n-Nitrosodimethylamine	3.278	42	126	0.233	ng	# 86
6) bis(2-Chloroethyl)ether	6.723	93	662	0.385	ng	96
9) Naphthalene	10.063	128	1685	0.374	ng	# 87
10) Hexachlorobutadiene	10.351	225	420	0.404	ng	# 97
12) 2-Methylnaphthalene	11.697	142	1066	0.331	ng	# 93
16) Acenaphthylene	13.636	152	1527	0.339	ng	99
17) Acenaphthene	13.989	154	1053	0.352	ng	100
18) Fluorene	14.993	166	1352	0.316	ng	99
20) 4,6-Dinitro-2-methylph...	15.165	198	38	0.210	ng	# 1
21) 4-Bromophenyl-phenylether	15.904	248	460	0.427	ng	# 73
22) Hexachlorobenzene	16.003	284	675	0.534	ng	95
23) Atrazine	16.214	200	127	0.166	ng	# 49
24) Pentachlorophenol	16.376	266	404	0.734	ng	91
25) Phenanthrene	16.748	178	2058	0.407	ng	98
26) Anthracene	16.847	178	1717	0.375	ng	99
28) Fluoranthene	18.789	202	2417	0.355	ng	99
30) Pyrene	19.156	202	2451	0.557	ng	99
32) Benzo(a)anthracene	20.947	228	1405m	0.337	ng	
33) Chrysene	20.991	228	2226	0.518	ng	95
34) Bis(2-ethylhexyl)phtha...	20.902	149	1146	0.696	ng	99
36) Indeno(1,2,3-cd)pyrene	25.082	276	1534	0.372	ng	# 78
37) Benzo(b)fluoranthene	22.433	252	1965	0.509	ng	# 42
38) Benzo(k)fluoranthene	22.477	252	1888	0.497	ng	# 35
39) Benzo(a)pyrene	22.959	252	1196	0.376	ng	# 2
40) Dibenzo(a,h)anthracene	25.099	278	1109	0.340	ng	# 20
41) Benzo(g,h,i)perylene	25.678	276	1227	0.360	ng	# 69

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

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