Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092024\
Data File : BN034072.D
Acq On : 20 Sep 2024 05:58
Operator : JU/RC
Sample : P3957-09MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW179D-20240910MS

Quant Time: Sep 20 06:26:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.431	152	5521	0.400	ng	0.00
7) Naphthalene-d8	10.191	136	16016	0.400	ng	0.00
13) Acenaphthene-d10	14.080	164	8933	0.400	ng	0.00
19) Phenanthrene-d10	16.828	188	20983	0.400	ng	#-0.01
29) Chrysene-d12	21.051	240	16720	0.400	ng	0.00
35) Perylene-d12	23.178	264	14950	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.076	112	1908	0.122	ng	0.00
5) Phenol-d6	6.629	99	1347	0.074	ng	0.00
8) Nitrobenzene-d5	8.568	82	3875	0.316	ng	0.00
11) 2-Methylnaphthalene-d10	11.788	152	7690	0.325	ng	0.00
14) 2,4,6-Tribromophenol	15.587	330	1300	0.321	ng	0.00
15) 2-Fluorobiphenyl	12.690	172	12278	0.338	ng	-0.01
27) Fluoranthene-d10	18.878	212	23592	0.446	ng	0.00
31) Terphenyl-d14	19.496	244	15428	0.462	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.076	88	2378	0.345	ng	# 43
3) n-Nitrosodimethylamine	3.372	42	1127	0.143	ng	# 97
6) bis(2-Chloroethyl)ether	6.875	93	5651	0.350	ng	99
9) Naphthalene	10.234	128	14302	0.325	ng	100
10) Hexachlorobutadiene	10.533	225	2181	0.263	ng	# 100
12) 2-Methylnaphthalene	11.863	142	9466	0.331	ng	100
16) Acenaphthylene	13.791	152	13497	0.353	ng	100
17) Acenaphthene	14.144	154	9903	0.361	ng	99
18) Fluorene	15.138	166	13669	0.380	ng	100
20) 4,6-Dinitro-2-methylph...	15.223	198	1144	0.432	ng	# 74
21) 4-Bromophenyl-phenylether	16.033	248	4315	0.366	ng	# 71
22) Hexachlorobenzene	16.145	284	4466	0.338	ng	98
23) Atrazine	16.319	200	4073	0.417	ng	# 91
24) Pentachlorophenol	16.493	266	3854	0.881	ng	99
25) Phenanthrene	16.877	178	26317	0.437	ng	100
26) Anthracene	16.964	178	20779	0.423	ng	99
28) Fluoranthene	18.911	202	31318	0.449	ng	99
30) Pyrene	19.273	202	32607	0.462	ng	99
32) Benzo(a)anthracene	21.033	228	24246	0.458	ng	99
33) Chrysene	21.086	228	29172	0.462	ng	100
34) Bis(2-ethylhexyl)phtha...	21.006	149	6434	0.292	ng	# 97
36) Indeno(1,2,3-cd)pyrene	25.263	276	25024	0.391	ng	100
37) Benzo(b)fluoranthene	22.549	252	27253	0.465	ng	99
38) Benzo(k)fluoranthene	22.590	252	28700	0.467	ng	96
39) Benzo(a)pyrene	23.084	252	21654	0.454	ng	98
40) Dibenzo(a,h)anthracene	25.280	278	19352	0.389	ng	99
41) Benzo(g,h,i)perylene	25.894	276	18270	0.327	ng	98

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

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