Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092124\
Data File : BN034153.D
Acq On : 22 Sep 2024 09:01
Operator : JU/RC
Sample : P4116-07MSD
Misc :
ALS Vial : 118 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
RE122D1-20240916MSD

Quant Time: Sep 23 00:05:11 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	7.423	152	5508	0.400	ng	-0.01
7) Naphthalene-d8	10.180	136	15593	0.400	ng	-0.02
13) Acenaphthene-d10	14.072	164	8919	0.400	ng	0.00
19) Phenanthrene-d10	16.821	188	18848	0.400	ng	#-0.02
29) Chrysene-d12	21.044	240	13474	0.400	ng	#-0.01
35) Perylene-d12	23.168	264	10514	0.400	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.069	112	1896	0.121	ng	0.00
5) Phenol-d6	6.622	99	1309	0.072	ng	-0.01
8) Nitrobenzene-d5	8.557	82	3963	0.332	ng	-0.02
11) 2-Methylnaphthalene-d10	11.780	152	11962	0.519	ng	-0.01
14) 2,4,6-Tribromophenol	15.579	330	1086	0.269	ng	0.00
15) 2-Fluorobiphenyl	12.683	172	12422	0.342	ng	-0.02
27) Fluoranthene-d10	18.871	212	16492	0.347	ng	-0.02
31) Terphenyl-d14	19.494	244	13720	0.510	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.068	88	21471	3.118	ng	# 83
3) n-Nitrosodimethylamine	3.372	42	1315	0.168	ng	92
6) bis(2-Chloroethyl)ether	6.867	93	5933	0.369	ng	97
9) Naphthalene	10.223	128	15443	0.361	ng	100
10) Hexachlorobutadiene	10.522	225	2563	0.318	ng	# 99
12) 2-Methylnaphthalene	11.855	142	10138	0.364	ng	99
16) Acenaphthylene	13.784	152	14545	0.381	ng	100
17) Acenaphthene	14.137	154	10110	0.369	ng	100
18) Fluorene	15.131	166	13316	0.371	ng	100
20) 4,6-Dinitro-2-methylph...	15.227	198	922	0.401	ng	# 73
21) 4-Bromophenyl-phenylether	16.039	248	4190	0.395	ng	94
22) Hexachlorobenzene	16.138	284	4386	0.369	ng	94
23) Atrazine	16.324	200	3510	0.400	ng	99
24) Pentachlorophenol	16.486	266	1973	0.502	ng	99
25) Phenanthrene	16.870	178	22072	0.408	ng	100
26) Anthracene	16.957	178	18423	0.417	ng	99
28) Fluoranthene	18.904	202	24268	0.387	ng	99
30) Pyrene	19.266	202	26313	0.463	ng	99
32) Benzo(a)anthracene	21.035	228	17531	0.411	ng	99
33) Chrysene	21.080	228	20670	0.406	ng	99
34) Bis(2-ethylhexyl)phtha...	21.008	149	1799	0.101	ng	# 94
36) Indeno(1,2,3-cd)pyrene	25.253	276	15963	0.354	ng	100
37) Benzo(b)fluoranthene	22.546	252	17450	0.424	ng	98
38) Benzo(k)fluoranthene	22.586	252	18114	0.419	ng	96
39) Benzo(a)pyrene	23.078	252	14308	0.426	ng	99
40) Dibenzo(a,h)anthracene	25.270	278	12356	0.353	ng	97
41) Benzo(g,h,i)perylene	25.881	276	13008	0.331	ng	98

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

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