Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090924\
Data File : BN033819.D
Acq On : 09 Sep 2024 16:38
Operator : MA/JU
Sample : P3886-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MW-06-6.5-090624MS

Quant Time: Sep 10 03:16:44 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.509	152	4688	0.400	ng	0.00
7) Naphthalene-d8	10.261	136	11716	0.400	ng	-0.01
13) Acenaphthene-d10	14.146	164	5428	0.400	ng	-0.01
19) Phenanthrene-d10	16.892	188	10806	0.400	ng	#-0.01
29) Chrysene-d12	21.113	240	8570	0.400	ng	# 0.00
35) Perylene-d12	23.265	264	8961	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.154	112	1748	0.122	ng	0.00
5) Phenol-d6	6.700	99	1349	0.079	ng	0.00
8) Nitrobenzene-d5	8.638	82	3235	0.324	ng	-0.01
11) 2-Methylnaphthalene-d10	11.862	152	5906	0.357	ng	-0.01
14) 2,4,6-Tribromophenol	15.651	330	835	0.305	ng	0.00
15) 2-Fluorobiphenyl	12.756	172	7538	0.333	ng	-0.01
27) Fluoranthene-d10	18.938	212	10189	0.382	ng	0.00
31) Terphenyl-d14	19.556	244	7425	0.406	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	3099	0.581	ng	# 1
3) n-Nitrosodimethylamine	3.457	42	1098	0.175	ng	# 83
6) bis(2-Chloroethyl)ether	6.953	93	4208	0.328	ng	99
9) Naphthalene	10.314	128	10320	0.330	ng	99
10) Hexachlorobutadiene	10.613	225	1697	0.261	ng	# 98
12) 2-Methylnaphthalene	11.937	142	6372	0.332	ng	98
16) Acenaphthylene	13.857	152	8319	0.355	ng	99
17) Acenaphthene	14.210	154	5655	0.352	ng	99
18) Fluorene	15.204	166	7286	0.367	ng	98
20) 4,6-Dinitro-2-methylph...	15.290	198	623	0.365	ng	# 72
21) 4-Bromophenyl-phenylether	16.098	248	2209	0.353	ng	# 79
22) Hexachlorobenzene	16.210	284	2429	0.338	ng	97
23) Atrazine	16.383	200	1934	0.387	ng	# 92
24) Pentachlorophenol	16.557	266	1950	0.664	ng	98
25) Phenanthrene	16.942	178	11831	0.397	ng	100
26) Anthracene	17.029	178	10020	0.387	ng	100
28) Fluoranthene	18.970	202	13349	0.400	ng	100
30) Pyrene	19.333	202	13909	0.403	ng	100
32) Benzo(a)anthracene	21.095	228	12346	0.404	ng	98
33) Chrysene	21.148	228	12668	0.419	ng	98
34) Bis(2-ethylhexyl)phtha...	21.059	149	6581	0.394	ng	100
36) Indeno(1,2,3-cd)pyrene	25.393	276	12099	0.327	ng	98
37) Benzo(b)fluoranthene	22.628	252	12270	0.373	ng	98
38) Benzo(k)fluoranthene	22.669	252	12139	0.378	ng	99
39) Benzo(a)pyrene	23.171	252	10335	0.375	ng	97
40) Dibenzo(a,h)anthracene	25.408	278	9809	0.330	ng	99
41) Benzo(g,h,i)perylene	26.039	276	8826	0.274	ng	100

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

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