Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM020824\
Data File : BM044028.D
Acq On : 08 Feb 2024 18:44
Operator : MA/JU
Sample : PB158806TB
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB158806TB

Quant Time: Feb 09 03:41:38 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 09 02:42:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	379698	20.000	ng	0.00
21) Naphthalene-d8	10.710	136	1502389	20.000	ng	0.00
39) Acenaphthene-d10	14.551	164	816025	20.000	ng	0.00
64) Phenanthrene-d10	17.304	188	1573412	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1207310	20.000	ng	0.00
86) Perylene-d12	23.897	264	1315176	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	3356791	128.582	ng	0.00
7) Phenol-d6	7.081	99	4086027	123.013	ng	0.00
23) Nitrobenzene-d5	9.081	82	2391768	84.476	ng	0.00
42) 2,4,6-Tribromophenol	16.045	330	1131631	128.080	ng	0.00
45) 2-Fluorobiphenyl	13.180	172	4873390	84.286	ng	0.00
79) Terphenyl-d14	19.945	244	5840626	84.807	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	307	0.030	ng	# 1
3) Pyridine	3.793	79	178	0.007	ng	# 1
4) n-Nitrosodimethylamine	3.699	42	484	0.047	ng	# 1
6) Aniline	7.240	93	1390	0.043	ng	# 47
8) 2-Chlorophenol	7.463	128	80	0.003	ng	# 35
10) Phenol	7.128	94	55	0.002	ng	# 1
11) bis(2-Chloroethyl)ether	7.351	93	116	0.004	ng	# 69
15) Benzyl Alcohol	8.051	79	312	0.014	ng	# 1
16) 2,2'-oxybis(1-Chloropr...	8.434	45	234	0.007	ng	# 1
17) 2-Methylphenol	8.381	107	113	0.005	ng	# 1
18) Hexachloroethane	9.010	117	114	0.010	ng	# 44
19) n-Nitroso-di-n-propyla...	8.722	70	241	0.012	ng	# 7
20) 3+4-Methylphenols	8.698	107	71	0.002	ng	# 1
22) Acetophenone	8.728	105	405	0.011	ng	# 1
24) Nitrobenzene	9.075	77	7581	0.261	ng	# 38
25) Isophorone	9.634	82	192	0.004	ng	# 65
28) bis(2-Chloroethoxy)met...	10.134	93	114	0.003	ng	# 49
31) Naphthalene	10.757	128	189	0.002	ng	# 69
32) Benzoic acid	10.192	122	53	0.003	ng	# 1
33) 4-Chloroaniline	10.916	127	528	0.017	ng	# 36
36) 4-Chloro-3-methylphenol	12.033	107	79	0.003	ng	# 18
46) 1,1'-Biphenyl	13.180	154	9261	0.144	ng	# 1
48) 2-Nitroaniline	13.639	65	132	0.009	ng	# 1
49) Acenaphthylene	14.280	152	376	0.005	ng	# 61
50) Dimethylphthalate	14.016	163	279	0.005	ng	# 77
51) 2,6-Dinitrotoluene	14.151	165	118	0.009	ng	# 24
52) Acenaphthene	14.551	154	2632	0.056	ng	# 11
55) Dibenzofuran	14.963	168	185	0.003	ng	# 46
57) 2,4-Dinitrotoluene	14.916	165	73	0.004	ng	# 21
58) Fluorene	15.610	166	72	0.001	ng	# 92
60) Diethylphthalate	15.386	149	467	0.007	ng	# 9
63) Azobenzene	15.880	77	514	0.009	ng	# 60
66) n-Nitrosodiphenylamine	16.045	169	37464	0.784	ng	# 43
68) Hexachlorobenzene	16.868	284	58	0.003	ng	# 41
71) Phenanthrene	17.351	178	1287	0.015	ng	# 58
72) Anthracene	17.433	178	764	0.009	ng	# 37

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
73) Carbazole	17.727	167	515	0.006	ng	#	60
74) Di-n-butylphthalate	18.292	149	1117	0.011	ng	#	67
75) Fluoranthene	19.368	202	1156	0.012	ng		83
77) Benzidine	19.568	184	13506	0.720	ng		95
78) Pyrene	19.733	202	1017	0.011	ng	#	54
80) Butylbenzylphthalate	20.668	149	182	0.004	ng	#	57
81) Benzo(a)anthracene	21.539	228	1202	0.014	ng		97
82) 3,3'-Dichlorobenzidine	21.445	252	1428	0.052	ng	#	86
83) Chrysene	21.539	228	1202	0.015	ng		93
84) Bis(2-ethylhexyl)phtha...	21.439	149	1412	0.023	ng	#	73
85) Di-n-octyl phthalate	22.368	149	346	0.003	ng	#	1
87) Indeno(1,2,3-cd)pyrene	26.385	276	407	0.004	ng	#	67
88) Benzo(b)fluoranthene	23.174	252	689	0.008	ng	#	1
89) Benzo(k)fluoranthene	23.221	252	315	0.004	ng	#	1
90) Benzo(a)pyrene	23.786	252	565	0.008	ng	#	1
91) Dibenzo(a,h)anthracene	26.421	278	777	0.010	ng	#	16
92) Benzo(g,h,i)perylene	27.132	276	883	0.011	ng	#	50

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

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