Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037463.D
Acq On : 11 Nov 2022 12:39
Operator : CG/JU
Sample : N5506-14
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-10

Quant Time: Nov 11 22:55:15 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 11 22:49:50 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.804	152	237400	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	914697	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	521509	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	960209	20.000	ng	0.00
76) Chrysene-d12	21.380	240	873909	20.000	ng	0.00
86) Perylene-d12	23.721	264	964642	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	1888640	137.443	ng	0.00
7) Phenol-d6	6.987	99	2129638	114.190	ng	0.00
23) Nitrobenzene-d5	8.975	82	1657767	91.439	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1103979	179.631	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	3765073	95.926	ng	0.00
79) Terphenyl-d14	19.827	244	5187278	106.444	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.263	88	226	0.040	ng	# 1
3) Pyridine	3.681	79	279	0.017	ng	# 1
4) n-Nitrosodimethylamine	3.551	42	1381	0.188	ng	# 1
6) Aniline	7.163	93	460	0.020	ng	# 1
8) 2-Chlorophenol	7.375	128	475	0.028	ng	# 27
9) Benzaldehyde	6.987	77	4392	0.465	ng	# 8
10) Phenol	6.998	94	1368	0.065	ng	# 1
11) bis(2-Chloroethyl)ether	7.228	93	280	0.017	ng	# 65
15) Benzyl Alcohol	8.069	79	498	0.037	ng	# 40
16) 2,2'-oxybis(1-Chloropr...	8.334	45	950	0.040	ng	82
17) 2-Methylphenol	8.292	107	59	0.004	ng	# 1
18) Hexachloroethane	8.898	117	58	0.009	ng	# 24
19) n-Nitroso-di-n-propyla...	8.651	70	385	0.103	ng	# 1
20) 3+4-Methylphenols	8.610	107	118	0.006	ng	# 1
22) Acetophenone	8.639	105	1356	0.057	ng	# 1
24) Nitrobenzene	8.975	77	5325	0.290	ng	# 35
25) Isophorone	9.551	82	448	0.015	ng	# 48
27) 2,4-Dimethylphenol	9.851	122	249	0.020	ng	87
28) bis(2-Chloroethoxy)met...	10.033	93	207	0.011	ng	# 1
31) Naphthalene	10.651	128	1622	0.031	ng	# 71
33) 4-Chloroaniline	10.716	127	56	0.003	ng	# 1
35) Caprolactam	11.657	113	176	0.041	ng	# 1
36) 4-Chloro-3-methylphenol	11.922	107	79	0.005	ng	# 17
37) 2-Methylnaphthalene	12.269	142	386	0.011	ng	# 56
38) 1-Methylnaphthalene	12.486	142	344	0.010	ng	# 60
46) 1,1'-Biphenyl	13.233	154	700	0.017	ng	# 68
48) 2-Nitroaniline	13.533	65	386	0.040	ng	# 4
49) Acenaphthylene	14.133	152	581	0.011	ng	# 61
50) Dimethylphthalate	13.916	163	34612	0.869	ng	# 96
51) 2,6-Dinitrotoluene	14.010	165	312	0.037	ng	# 35
52) Acenaphthene	14.510	154	1247	0.039	ng	# 64
53) 3-Nitroaniline	14.445	138	53	0.006	ng	# 1
55) Dibenzofuran	14.851	168	702	0.014	ng	# 60
56) 4-Nitrophenol	14.780	139	57	0.008	ng	# 81
57) 2,4-Dinitrotoluene	14.839	165	355	0.032	ng	# 25
58) Fluorene	15.498	166	1643	0.040	ng	# 81

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
60) Diethylphthalate	15.274	149	7244	0.187	ng		95
62) 4-Nitroaniline	15.733	138	53	0.006	ng	#	20
63) Azobenzene	15.815	77	1063	0.028	ng	#	62
66) n-Nitrosodiphenylamine	15.945	169	31926	0.984	ng	#	45
70) Pentachlorophenol	16.857	266	226	0.030	ng	#	19
71) Phenanthrene	17.239	178	5680	0.095	ng	#	84
72) Anthracene	17.327	178	1349	0.024	ng	#	85
73) Carbazole	17.615	167	1708	0.033	ng	#	88
74) Di-n-butylphthalate	18.168	149	12221	0.214	ng	#	96
75) Fluoranthene	19.256	202	3194	0.051	ng	#	55
77) Benzidine	19.456	184	129	0.010	ng	#	1
78) Pyrene	19.621	202	3119	0.046	ng	#	77
80) Butylbenzylphthalate	20.762	149	530	0.022	ng		95
81) Benzo(a)anthracene	21.380	228	3815	0.061	ng	#	66
82) 3,3'-Dichlorobenzidine	21.321	252	468	0.026	ng	#	30
83) Chrysene	21.421	228	1632	0.027	ng	#	19
84) Bis(2-ethylhexyl)phtha...	21.292	149	6154	0.191	ng	#	92
85) Di-n-octyl phthalate	22.168	149	1483	0.029	ng	#	4
87) Indeno(1,2,3-cd)pyrene	26.168	276	458	0.006	ng	#	53
88) Benzo(b)fluoranthene	23.021	252	1620	0.024	ng	#	1
89) Benzo(k)fluoranthene	23.062	252	1170	0.017	ng	#	1
90) Benzo(a)pyrene	23.615	252	1740	0.032	ng	#	1
91) Dibenzo(a,h)anthracene	26.156	278	125	0.002	ng	#	1
92) Benzo(g,h,i)perylene	26.903	276	420	0.007	ng	#	1

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

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