Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037481.D
Acq On : 11 Nov 2022 23:43
Operator : CG/JU
Sample : N5530-07
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-10

Quant Time: Nov 12 00:42:35 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	218380	20.000	ng		0.00
21) Naphthalene-d8	10.604	136	826290	20.000	ng		0.00
39) Acenaphthene-d10	14.445	164	458065	20.000	ng		0.00
64) Phenanthrene-d10	17.192	188	857413	20.000	ng		0.00
76) Chrysene-d12	21.380	240	816687	20.000	ng		0.00
86) Perylene-d12	23.721	264	872283	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	1627785	128.777	ng		0.00
7) Phenol-d6	6.987	99	2050606	119.529	ng		0.00
23) Nitrobenzene-d5	8.975	82	1242866	75.888	ng		0.00
42) 2,4,6-Tribromophenol	15.939	330	790817	146.498	ng		0.00
45) 2-Fluorobiphenyl	13.069	172	2840408	82.391	ng		0.00
79) Terphenyl-d14	19.821	244	4136555	90.830	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.257	88	221	0.043	ng	#	1
3) Pyridine	3.663	79	545	0.035	ng	#	1
4) n-Nitrosodimethylamine	3.575	42	345	0.051	ng	#	1
6) Aniline	7.145	93	136	0.006	ng	#	1
8) 2-Chlorophenol	7.345	128	265	0.017	ng	#	23
9) Benzaldehyde	6.939	77	547	0.063	ng	#	26
10) Phenol	7.010	94	13013	0.677	ng	#	29
11) bis(2-Chloroethyl)ether	7.228	93	126	0.008	ng	#	19
15) Benzyl Alcohol	8.081	79	519	0.042	ng	#	46
16) 2,2'-oxybis(1-Chloropr...	8.334	45	119	0.005	ng	#	1
17) 2-Methylphenol	8.281	107	59	0.005	ng	#	1
18) Hexachloroethane	8.822	117	125	0.020	ng	#	3
19) n-Nitroso-di-n-propyla...	8.633	70	133	0.084	ng	#	1
20) 3+4-Methylphenols	8.592	107	56	0.003	ng	#	1
22) Acetophenone	8.651	105	1506	0.070	ng	#	1
24) Nitrobenzene	8.975	77	3976	0.239	ng	#	37
25) Isophorone	9.545	82	180	0.007	ng	#	65
28) bis(2-Chloroethoxy)met...	10.022	93	59	0.003	ng	#	50
31) Naphthalene	10.651	128	352	0.008	ng	#	69
35) Caprolactam	11.657	113	55	0.014	ng	#	3
36) 4-Chloro-3-methylphenol	11.957	107	55	0.004	ng	#	17
46) 1,1'-Biphenyl	13.069	154	5714	0.155	ng	#	1
48) 2-Nitroaniline	13.516	65	68	0.008	ng	#	4
49) Acenaphthylene	14.168	152	763	0.017	ng	#	61
50) Dimethylphthalate	13.921	163	1625	0.046	ng	#	77
51) 2,6-Dinitrotoluene	13.974	165	556	0.075	ng	#	22
52) Acenaphthene	14.504	154	78	0.003	ng	#	50
55) Dibenzofuran	14.863	168	338	0.008	ng	#	72
56) 4-Nitrophenol	14.863	139	53	0.008	ng	#	8
57) 2,4-Dinitrotoluene	14.857	165	56	0.006	ng	#	20
58) Fluorene	15.504	166	355	0.010	ng	#	91
60) Diethylphthalate	15.274	149	9903	0.291	ng		94
63) Azobenzene	15.792	77	388	0.012	ng	#	60
66) n-Nitrosodiphenylamine	15.939	169	22592	0.780	ng	#	41
70) Pentachlorophenol	16.874	266	53	0.008	ng	#	19
71) Phenanthrene	17.239	178	7508	0.141	ng	#	93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
72) Anthracene	17.333	178	2465	0.049	ng	#	66
73) Carbazole	17.627	167	1202	0.026	ng	#	67
74) Di-n-butylphthalate	18.168	149	11800	0.231	ng	#	96
75) Fluoranthene	19.256	202	17871	0.318	ng		96
77) Benzidine	19.509	184	117	0.010	ng	#	1
78) Pyrene	19.621	202	17021	0.271	ng		96
80) Butylbenzylphthalate	20.397	149	963	0.043	ng		90
81) Benzo(a)anthracene	21.362	228	13035	0.224	ng		97
82) 3,3'-Dichlorobenzidine	21.309	252	172	0.010	ng	#	11
83) Chrysene	21.415	228	11282	0.201	ng		98
84) Bis(2-ethylhexyl)phtha...	21.291	149	7445	0.247	ng	#	87
85) Di-n-octyl phthalate	22.197	149	936	0.020	ng	#	72
87) Indeno(1,2,3-cd)pyrene	26.144	276	14189	0.199	ng	#	84
88) Benzo(b)fluoranthene	23.015	252	11985	0.198	ng	#	53
89) Benzo(k)fluoranthene	23.015	252	11985	0.194	ng	#	53
90) Benzo(a)pyrene	23.615	252	9233	0.187	ng	#	42
91) Dibenzo(a,h)anthracene	26.150	278	8709	0.147	ng	#	69
92) Benzo(g,h,i)perylene	26.879	276	14089	0.244	ng	#	91

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

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