Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111122\
Data File : BM037467.D
Acq On : 11 Nov 2022 15:03
Operator : CG/JU
Sample : N5532-05
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FB-01

Quant Time: Nov 11 22:56:03 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	236855	20.000	ng	0.00
21) Naphthalene-d8	10.604	136	962218	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	640813	20.000	ng	0.00
64) Phenanthrene-d10	17.198	188	1326716	20.000	ng	0.00
76) Chrysene-d12	21.380	240	1108673	20.000	ng	0.00
86) Perylene-d12	23.721	264	920689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	744264	54.287	ng	0.00
7) Phenol-d6	6.987	99	515006	27.678	ng	0.00
23) Nitrobenzene-d5	8.980	82	1615488	84.706	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1275606	168.915	ng	0.00
45) 2-Fluorobiphenyl	13.074	172	4139322	85.827	ng	0.00
79) Terphenyl-d14	19.821	244	4719216	76.333	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.251	88	618	0.110	ng	# 1
3) Pyridine	3.699	79	236	0.014	ng	# 1
4) n-Nitrosodimethylamine	3.616	42	223	0.031	ng	# 1
6) Aniline	7.157	93	307	0.013	ng	# 1
8) 2-Chlorophenol	7.398	128	63	0.004	ng	# 1
9) Benzaldehyde	6.957	77	258	0.027	ng	# 15
10) Phenol	7.022	94	183	0.009	ng	# 1
11) bis(2-Chloroethyl)ether	7.234	93	140	0.008	ng	# 50
15) Benzyl Alcohol	8.045	79	371	0.028	ng	# 27
16) 2,2'-oxybis(1-Chloropr...	8.375	45	283	0.012	ng	# 1
17) 2-Methylphenol	8.275	107	114	0.008	ng	# 1
18) Hexachloroethane	8.869	117	116	0.017	ng	# 3
19) n-Nitroso-di-n-propyla...	8.616	70	722	0.130	ng	# 1
20) 3+4-Methylphenols	8.563	107	59	0.003	ng	# 1
22) Acetophenone	8.651	105	9220	0.369	ng	# 83
24) Nitrobenzene	8.980	77	4858	0.251	ng	# 35
25) Isophorone	9.551	82	412	0.013	ng	# 64
28) bis(2-Chloroethoxy)met...	10.022	93	122	0.006	ng	# 50
30) 1,2,4-Trichlorobenzene	10.475	180	56	0.003	ng	# 12
31) Naphthalene	10.651	128	605	0.011	ng	# 59
36) 4-Chloro-3-methylphenol	11.927	107	55	0.004	ng	# 17
37) 2-Methylnaphthalene	12.516	142	55	0.001	ng	# 48
38) 1-Methylnaphthalene	12.516	142	55	0.002	ng	# 86
46) 1,1'-Biphenyl	13.280	154	543	0.011	ng	# 49
47) 2-Chloronaphthalene	13.339	162	56	0.001	ng	# 40
48) 2-Nitroaniline	13.545	65	283	0.024	ng	# 4
49) Acenaphthylene	14.168	152	454	0.007	ng	# 61
50) Dimethylphthalate	13.927	163	414	0.008	ng	# 77
51) 2,6-Dinitrotoluene	14.057	165	151	0.015	ng	# 22
52) Acenaphthene	14.515	154	133	0.003	ng	# 63
53) 3-Nitroaniline	14.445	138	54	0.005	ng	# 1
55) Dibenzofuran	14.857	168	473	0.008	ng	# 29
57) 2,4-Dinitrotoluene	14.845	165	134	0.010	ng	# 22
58) Fluorene	15.509	166	520	0.010	ng	# 87
60) Diethylphthalate	15.280	149	4331	0.091	ng	# 91
61) 4-Chlorophenyl-phenyle...	15.504	204	133	0.006	ng	# 62

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) Azobenzene	15.786	77	414	0.009	ng	#	34
66) n-Nitrosodiphenylamine	15.945	169	36980	0.825	ng	#	43
67) 4-Bromophenyl-phenylether	16.139	248	58	0.004	ng	#	1
71) Phenanthrene	17.245	178	1768	0.021	ng	#	85
72) Anthracene	17.333	178	1236	0.016	ng	#	71
73) Carbazole	17.586	167	54	0.001	ng	#	59
74) Di-n-butylphthalate	18.168	149	10849	0.137	ng		99
75) Fluoranthene	19.262	202	1002	0.012	ng	#	46
78) Pyrene	19.627	202	1147	0.013	ng	#	47
80) Butylbenzylphthalate	20.492	149	405	0.013	ng		99
81) Benzo(a)anthracene	21.380	228	3144	0.040	ng	#	76
82) 3,3'-Dichlorobenzidine	21.280	252	626	0.027	ng	#	51
83) Chrysene	21.421	228	967	0.013	ng	#	51
84) Bis(2-ethylhexyl)phtha...	21.291	149	6187	0.151	ng	#	98
85) Di-n-octyl phthalate	22.197	149	1206	0.019	ng	#	67
87) Indeno(1,2,3-cd)pyrene	26.144	276	1049	0.014	ng	#	54
88) Benzo(b)fluoranthene	23.009	252	2007	0.031	ng	#	1
89) Benzo(k)fluoranthene	23.044	252	649	0.010	ng	#	1
90) Benzo(a)pyrene	23.609	252	794	0.015	ng	#	1
91) Dibenzo(a,h)anthracene	26.144	278	522	0.008	ng	#	1
92) Benzo(g,h,i)perylene	26.885	276	497	0.008	ng	#	12

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

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