Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF063022\
Data File : BF129067.D
Acq On : 30 Jun 2022 19:28
Operator : CG\JU
Sample : N3450-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PH1-BOT-18MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/01/2022
Supervised By :Jagrut Upadhyay 07/01/2022

Quant Time: Jul 01 05:44:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 29 17:05:31 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.957	152	436600	20.000	ng		0.00
21) Naphthalene-d8	8.245	136	1680113	20.000	ng	#	0.00
39) Acenaphthene-d10	10.004	164	863951	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	1528652	20.000	ng		0.00
76) Chrysene-d12	14.145	240	978468	20.000	ng		0.00
86) Perylene-d12	15.668	264	845087	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.599	112	2966842	114.884	ng		0.01
7) Phenol-d6	6.587	99	3815819	118.971	ng		0.00
23) Nitrobenzene-d5	7.528	82	2424786	86.083	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	1177610	125.355	ng		0.00
45) 2-Fluorobiphenyl	9.322	172	4173889	77.288	ng		0.00
79) Terphenyl-d14	13.086	244	4352615	92.377	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.958	88	511590	44.434	ng		87
3) Pyridine	3.728	79	1380857	49.110	ng		86
4) n-Nitrosodimethylamine	3.663	42	634184	49.783	ng	#	82
6) Aniline	6.628	93	1283417	35.780	ng		97
8) 2-Chlorophenol	6.746	128	1391750	51.295	ng		96
9) Benzaldehyde	6.516	77	828126	70.791	ng		98
10) Phenol	6.604	94	1652121m	50.841	ng		
11) bis(2-Chloroethyl)ether	6.693	93	1287748	50.067	ng		92
12) 1,3-Dichlorobenzene	6.898	146	1458800	48.842	ng		97
13) 1,4-Dichlorobenzene	6.975	146	1482395	49.207	ng		99
14) 1,2-Dichlorobenzene	7.128	146	1409509	49.772	ng		100
15) Benzyl Alcohol	7.104	79	1151395	51.035	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.228	45	1833526	49.911	ng		92
17) 2-Methylphenol	7.210	107	1123341	50.880	ng		97
18) Hexachloroethane	7.469	117	534688	50.555	ng		91
19) n-Nitroso-di-n-propyla...	7.375	70	919090	49.537	ng		88
20) 3+4-Methylphenols	7.357	107	1379868	49.147	ng		90
22) Acetophenone	7.369	105	1821860	47.270	ng		95
24) Nitrobenzene	7.545	77	1394363	51.161	ng		91
25) Isophorone	7.787	82	2541259	53.382	ng		96
26) 2-Nitrophenol	7.857	139	733982	57.947	ng		89
27) 2,4-Dimethylphenol	7.893	122	1265095	55.322	ng		95
28) bis(2-Chloroethoxy)met...	7.987	93	1583355	48.430	ng		99
29) 2,4-Dichlorophenol	8.098	162	1148575	49.243	ng		97
30) 1,2,4-Trichlorobenzene	8.181	180	1192656	46.466	ng		96
31) Naphthalene	8.263	128	3689493	48.373	ng		97
32) Benzoic acid	8.022	122	942121	51.349	ng		93
33) 4-Chloroaniline	8.310	127	467954	15.226	ng		95
34) Hexachlorobutadiene	8.375	225	708945	46.258	ng		100
35) Caprolactam	8.698	113	344654m	46.598	ng		
36) 4-Chloro-3-methylphenol	8.792	107	1178724	49.738	ng		89
37) 2-Methylnaphthalene	8.957	142	2503795	48.785	ng		100
38) 1-Methylnaphthalene	9.057	142	2379097	47.733	ng		98
40) 1,2,4,5-Tetrachloroben...	9.122	216	1159710	47.756	ng		99
41) Hexachlorocyclopentadiene	9.110	237	1354356	105.656	ng		97
43) 2,4,6-Trichlorophenol	9.234	196	842376	50.927	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.275	196	836157	47.524	ng		98
46) 1,1'-Biphenyl	9.422	154	3001451	48.323	ng		96
47) 2-Chloronaphthalene	9.451	162	2319831	48.365	ng		97
48) 2-Nitroaniline	9.545	65	696702	55.149	ng	#	83
49) Acenaphthylene	9.869	152	3535987	48.516	ng		96
50) Dimethylphthalate	9.728	163	2636617	48.782	ng		98
51) 2,6-Dinitrotoluene	9.787	165	622659	56.377	ng		93
52) Acenaphthene	10.039	154	2534129	53.379	ng		98
53) 3-Nitroaniline	9.957	138	371122	28.178	ng	#	84
54) 2,4-Dinitrophenol	10.063	184	625037	102.534	ng	#	78
55) Dibenzofuran	10.210	168	3236010	46.812	ng		95
56) 4-Nitrophenol	10.116	139	1175618	109.245	ng		93
57) 2,4-Dinitrotoluene	10.192	165	816974	59.918	ng		90
58) Fluorene	10.557	166	2504229	46.833	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.328	232	706540m	48.472	ng		
60) Diethylphthalate	10.428	149	2577789	47.597	ng		96
61) 4-Chlorophenyl-phenyle...	10.545	204	1248723	46.871	ng		98
62) 4-Nitroaniline	10.581	138	610700	46.759	ng		87
63) Azobenzene	10.704	77	2498955	47.095	ng		94
65) 4,6-Dinitro-2-methylph...	10.598	198	362920	53.663	ng		87
66) n-Nitrosodiphenylamine	10.663	169	2297694	49.492	ng		95
67) 4-Bromophenyl-phenylether	11.039	248	807466	49.657	ng		92
68) Hexachlorobenzene	11.104	284	897888	49.589	ng		93
69) Atrazine	11.192	200	744413	56.982	ng		98
70) Pentachlorophenol	11.298	266	1067766	99.007	ng		99
71) Phenanthrene	11.522	178	3454892	47.302	ng		95
72) Anthracene	11.575	178	3481022	48.340	ng		94
73) Carbazole	11.728	167	3333446	46.197	ng		97
74) Di-n-butylphthalate	12.051	149	3740845	49.169	ng	#	96
75) Fluoranthene	12.716	202	3578780	46.852	ng		93
77) Benzidine	12.833	184	1063690	61.051	ng		99
78) Pyrene	12.945	202	3622943	53.417	ng		96
80) Butylbenzylphthalate	13.557	149	1540314	55.748	ng		92
81) Benzo(a)anthracene	14.133	228	2935316	49.132	ng		95
82) 3,3'-Dichlorobenzidine	14.098	252	799082	61.901	ng		97
83) Chrysene	14.174	228	2651686	47.809	ng		95
84) Bis(2-ethylhexyl)phtha...	14.110	149	2018353	54.966	ng		97
85) Di-n-octyl phthalate	14.733	149	2800229	51.658	ng		95
87) Indeno(1,2,3-cd)pyrene	17.233	276	2710988	52.304	ng		99
88) Benzo(b)fluoranthene	15.216	252	2770419	54.511	ng		98
89) Benzo(k)fluoranthene	15.251	252	2378271	48.246	ng		99
90) Benzo(a)pyrene	15.604	252	2265949	54.691	ng		97
91) Dibenzo(a,h)anthracene	17.251	278	2326411	55.060	ng		95
92) Benzo(g,h,i)perylene	17.710	276	2334220	55.064	ng		98

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

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