Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080222\
Data File : BF129502.D
Acq On : 02 Aug 2022 12:01
Operator : CG\JU
Sample : N3927-03MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RVE-77MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/03/2022
Supervised By :Jagrut Upadhyay 08/03/2022

Quant Time: Aug 02 17:36:08 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF072522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 02 01:11:25 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	166134	20.000	ng		0.00
21) Naphthalene-d8	8.163	136	652331	20.000	ng	#	0.00
39) Acenaphthene-d10	9.922	164	329980	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	504942	20.000	ng		0.00
76) Chrysene-d12	14.057	240	311290	20.000	ng		0.00
86) Perylene-d12	15.545	264	377748	20.000	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.516	112	1110343	108.873	ng		0.01
7) Phenol-d6	6.528	99	1386297	108.144	ng		0.00
23) Nitrobenzene-d5	7.445	82	890291	74.502	ng		0.00
42) 2,4,6-Tribromophenol	10.716	330	347335	109.483	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1585132	74.311	ng		0.00
79) Terphenyl-d14	12.992	244	1264818	76.655	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	182309	39.620	ng		90
3) Pyridine	3.487	79	479531	37.527	ng		91
4) n-Nitrosodimethylamine	3.434	42	252758	45.045	ng	#	96
6) Aniline	6.545	93	590025	37.024	ng	#	76
8) 2-Chlorophenol	6.669	128	531713	47.721	ng		98
9) Benzaldehyde	6.434	77	244908	28.133	ng		97
10) Phenol	6.540	94	631788m	46.281	ng		
11) bis(2-Chloroethyl)ether	6.610	93	501754	46.347	ng		95
12) 1,3-Dichlorobenzene	6.822	146	554240	46.380	ng		96
13) 1,4-Dichlorobenzene	6.892	146	556868	45.821	ng		98
14) 1,2-Dichlorobenzene	7.045	146	535404	47.929	ng		97
15) Benzyl Alcohol	7.028	79	455021	48.943	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	692499	42.554	ng		60
17) 2-Methylphenol	7.139	107	414636	44.858	ng	#	92
18) Hexachloroethane	7.387	117	213232	46.596	ng		91
19) n-Nitroso-di-n-propyla...	7.292	70	359969	46.385	ng		92
20) 3+4-Methylphenols	7.298	107	524589	44.636	ng	#	83
22) Acetophenone	7.287	105	707822	46.605	ng		99
24) Nitrobenzene	7.463	77	550345	44.723	ng		96
25) Isophorone	7.698	82	990811	46.256	ng		99
26) 2-Nitrophenol	7.781	139	287631	47.380	ng	#	88
27) 2,4-Dimethylphenol	7.822	122	472683m	51.908	ng		
28) bis(2-Chloroethoxy)met...	7.904	93	610534	49.134	ng		99
29) 2,4-Dichlorophenol	8.028	162	427929	45.530	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	437357	44.956	ng		98
31) Naphthalene	8.181	128	1483642	44.766	ng		100
32) Benzoic acid	7.951	122	212070	32.214	ng		95
33) 4-Chloroaniline	8.234	127	410617	30.177	ng		98
34) Hexachlorobutadiene	8.292	225	255949	46.284	ng		99
35) Caprolactam	8.610	113	131822m	43.140	ng		
36) 4-Chloro-3-methylphenol	8.728	107	449971	45.139	ng		94
37) 2-Methylnaphthalene	8.875	142	963926	44.755	ng		100
38) 1-Methylnaphthalene	8.975	142	905932	43.572	ng		99
40) 1,2,4,5-Tetrachloroben...	9.039	216	418578	48.309	ng		98
41) Hexachlorocyclopentadiene	9.022	237	450282	116.706	ng		99
43) 2,4,6-Trichlorophenol	9.157	196	285145	45.310	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	301472	44.051	ng	#	92
46) 1,1'-Biphenyl	9.339	154	1147871	47.665	ng		99
47) 2-Chloronaphthalene	9.369	162	901827	46.324	ng		97
48) 2-Nitroaniline	9.469	65	285048	44.033	ng	#	84
49) Acenaphthylene	9.780	152	1367571	46.231	ng		100
50) Dimethylphthalate	9.639	163	1010347	44.353	ng		100
51) 2,6-Dinitrotoluene	9.704	165	233765	45.850	ng		93
52) Acenaphthene	9.951	154	945881m	48.957	ng		
53) 3-Nitroaniline	9.880	138	182524	30.317	ng	#	89
54) 2,4-Dinitrophenol	9.992	184	216108	83.029	ng	#	87
55) Dibenzofuran	10.128	168	1213941	45.578	ng		97
56) 4-Nitrophenol	10.063	139	327435	73.719	ng		99
57) 2,4-Dinitrotoluene	10.110	165	296129	44.461	ng		99
58) Fluorene	10.469	166	965046	45.285	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	218825	41.376	ng		95
60) Diethylphthalate	10.339	149	957125	43.465	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	433421	46.133	ng	#	88
62) 4-Nitroaniline	10.498	138	235422	39.418	ng		97
63) Azobenzene	10.622	77	960900	42.782	ng		94
65) 4,6-Dinitro-2-methylph...	10.522	198	141237	44.316	ng		92
66) n-Nitrosodiphenylamine	10.580	169	814605	48.443	ng		96
67) 4-Bromophenyl-phenylether	10.951	248	271457	49.094	ng		97
68) Hexachlorobenzene	11.016	284	294387	49.137	ng		96
69) Atrazine	11.110	200	247707	48.497	ng		97
70) Pentachlorophenol	11.222	266	239033	73.391	ng		99
71) Phenanthrene	11.433	178	1266130	45.935	ng		99
72) Anthracene	11.486	178	1262096	46.595	ng		99
73) Carbazole	11.645	167	1125510	44.141	ng		99
74) Di-n-butylphthalate	11.963	149	1268072	41.761	ng		99
75) Fluoranthene	12.627	202	1143125	40.931	ng		99
77) Benzidine	12.745	184	527389	47.957	ng		99
78) Pyrene	12.857	202	1127040	43.296	ng		99
80) Butylbenzylphthalate	13.463	149	444642	39.381	ng		94
81) Benzo(a)anthracene	14.045	228	943503	44.371	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	269383	38.369	ng		98
83) Chrysene	14.080	228	885361	44.178	ng		99
84) Bis(2-ethylhexyl)phtha...	14.015	149	582735	39.202	ng		100
85) Di-n-octyl phthalate	14.627	149	1042339	48.728	ng		96
87) Indeno(1,2,3-cd)pyrene	17.062	276	1266452	49.786	ng		99
88) Benzo(b)fluoranthene	15.104	252	1142629	45.601	ng		99
89) Benzo(k)fluoranthene	15.133	252	973367	39.640	ng		99
90) Benzo(a)pyrene	15.480	252	977241	48.043	ng		99
91) Dibenzo(a,h)anthracene	17.074	278	1081694	52.245	ng		99
92) Benzo(g,h,i)perylene	17.527	276	1117351	52.814	ng		99

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

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