Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
Data File : BF129273.D
Acq On : 18 Jul 2022 18:07
Operator : CG\JU
Sample : N3731-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Jul 19 02:08:57 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF071522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 15 12:55:49 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
TP-1MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 07/19/2022
Supervised By :Jagrut Upadhyay 07/19/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.904	152	247351	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	995140	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	511364	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	796082	20.000	ng	#	0.00
76) Chrysene-d12	14.080	240	437618	20.000	ng		0.00
86) Perylene-d12	15.568	264	514183	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.545	112	1836417	118.571	ng		0.03
7) Phenol-d6	6.540	99	2195953	109.625	ng		0.01
23) Nitrobenzene-d5	7.469	82	1661673	89.258	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	639644	134.766	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2758858	91.404	ng		0.00
79) Terphenyl-d14	13.021	244	2340747	100.060	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.875	88	300945	42.651	ng	#	76
3) Pyridine	3.616	79	671303	36.995	ng		90
4) n-Nitrosodimethylamine	3.546	42	413408	48.231	ng	#	91
6) Aniline	6.569	93	476630	20.253	ng		97
8) 2-Chlorophenol	6.692	128	861258	52.811	ng		96
9) Benzaldehyde	6.457	77	231051	18.795	ng		99
10) Phenol	6.551	94	860807m	42.780	ng		
11) bis(2-Chloroethyl)ether	6.639	93	861052	52.763	ng		94
12) 1,3-Dichlorobenzene	6.845	146	886697	51.127	ng		98
13) 1,4-Dichlorobenzene	6.922	146	891115	50.801	ng		99
14) 1,2-Dichlorobenzene	7.075	146	847861	51.856	ng		99
15) Benzyl Alcohol	7.045	79	737849	55.309	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1305549	50.207	ng		92
17) 2-Methylphenol	7.157	107	674236	49.184	ng		99
18) Hexachloroethane	7.416	117	341339	52.079	ng		94
19) n-Nitroso-di-n-propyla...	7.316	70	583902	49.558	ng		95
20) 3+4-Methylphenols	7.310	107	768070	45.587	ng	#	81
22) Acetophenone	7.316	105	1116697	48.626	ng	#	97
24) Nitrobenzene	7.487	77	909521	51.358	ng		97
25) Isophorone	7.728	82	1700597	54.352	ng		98
26) 2-Nitrophenol	7.804	139	465832	52.366	ng		90
27) 2,4-Dimethylphenol	7.839	122	776903	56.165	ng		97
28) bis(2-Chloroethoxy)met...	7.934	93	1053836	50.564	ng		99
29) 2,4-Dichlorophenol	8.045	162	692073	50.327	ng		98
30) 1,2,4-Trichlorobenzene	8.122	180	702880	49.259	ng		96
31) Naphthalene	8.210	128	2341441	49.661	ng		100
32) Benzoic acid	7.939	122	265772m	24.739	ng		
33) 4-Chloroaniline	8.251	127	219972	11.250	ng		98
34) Hexachlorobutadiene	8.316	225	407858	50.807	ng		98
35) Caprolactam	8.633	113	178847m	39.152	ng		
36) 4-Chloro-3-methylphenol	8.739	107	755635	50.371	ng		93
37) 2-Methylnaphthalene	8.898	142	1576070	51.287	ng		99
38) 1-Methylnaphthalene	8.998	142	1488712	50.093	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	651296	51.228	ng	#	97
41) Hexachlorocyclopentadiene	9.051	237	707390	110.567	ng		99
43) 2,4,6-Trichlorophenol	9.181	196	480951	51.373	ng		97

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44) 2,4,5-Trichlorophenol	9.222	196	515668	52.073	ng	#	93
46) 1,1'-Biphenyl	9.363	154	1849549	51.137	ng		98
47) 2-Chloronaphthalene	9.392	162	1457831	51.173	ng		98
48) 2-Nitroaniline	9.486	65	490581	51.256	ng		94
49) Acenaphthylene	9.810	152	2221077	51.799	ng		100
50) Dimethylphthalate	9.669	163	1747199	52.652	ng		99
51) 2,6-Dinitrotoluene	9.728	165	392999	54.730	ng		92
52) Acenaphthene	9.980	154	1475023m	52.627	ng		
53) 3-Nitroaniline	9.898	138	248960	29.034	ng	#	90
54) 2,4-Dinitrophenol	10.004	184	266880	69.347	ng		96
55) Dibenzofuran	10.151	168	1967905	49.461	ng		94
56) 4-Nitrophenol	10.063	139	554807	81.749	ng		98
57) 2,4-Dinitrotoluene	10.133	165	509462	54.105	ng		99
58) Fluorene	10.492	166	1537349	50.802	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	378742	49.510	ng		91
60) Diethylphthalate	10.363	149	1656607	51.623	ng		100
61) 4-Chlorophenyl-phenyle...	10.480	204	705145	50.301	ng	#	88
62) 4-Nitroaniline	10.516	138	393221	46.321	ng		95
63) Azobenzene	10.645	77	1671746	48.803	ng		96
65) 4,6-Dinitro-2-methylph...	10.545	198	202245	40.209	ng		89
66) n-Nitrosodiphenylamine	10.604	169	1359569	53.528	ng		96
67) 4-Bromophenyl-phenylether	10.975	248	454799	54.271	ng		95
68) Hexachlorobenzene	11.045	284	481977	54.792	ng		96
69) Atrazine	11.133	200	436366	61.971	ng		98
70) Pentachlorophenol	11.239	266	441201	84.347	ng		99
71) Phenanthrene	11.457	178	2050397	50.730	ng		100
72) Anthracene	11.510	178	2089039	52.032	ng		99
73) Carbazole	11.669	167	1881785	46.988	ng		99
74) Di-n-butylphthalate	11.986	149	2425730	52.707	ng		99
75) Fluoranthene	12.651	202	1871601	46.495	ng		98
77) Benzidine	12.769	184	143102	11.682	ng		98
78) Pyrene	12.880	202	1840218	51.917	ng		100
80) Butylbenzylphthalate	13.486	149	876012	55.487	ng		99
81) Benzo(a)anthracene	14.068	228	1462076	52.967	ng		99
82) 3,3'-Dichlorobenzidine	14.027	252	272694	39.492	ng		98
83) Chrysene	14.104	228	1351351	51.289	ng		99
84) Bis(2-ethylhexyl)phtha...	14.045	149	1254434	59.714	ng		98
85) Di-n-octyl phthalate	14.657	149	1926712	63.945	ng		98
87) Indeno(1,2,3-cd)pyrene	17.098	276	1907155	59.483	ng		98
88) Benzo(b)fluoranthene	15.133	252	1576603	49.911	ng		98
89) Benzo(k)fluoranthene	15.162	252	1533602m	49.693	ng		
90) Benzo(a)pyrene	15.509	252	1455687	56.608	ng		98
91) Dibenzo(a,h)anthracene	17.115	278	1619712	62.454	ng		97
92) Benzo(g,h,i)perylene	17.562	276	1650921	62.275	ng		97

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

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