Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071822\
Data File : BF129274.D
Acq On : 18 Jul 2022 18:39
Operator : CG\JU
Sample : N3731-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Jul 19 02:09:14 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-1MSD

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	238600	20.000	ng		0.00
21) Naphthalene-d8	8.186	136	940012	20.000	ng		0.00
39) Acenaphthene-d10	9.945	164	470182	20.000	ng		0.00
64) Phenanthrene-d10	11.433	188	696373	20.000	ng		0.00
76) Chrysene-d12	14.080	240	399381	20.000	ng		0.00
86) Perylene-d12	15.568	264	495737	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1767552	118.310	ng		0.02
7) Phenol-d6	6.540	99	2100994	108.732	ng		0.01
23) Nitrobenzene-d5	7.469	82	1569690	89.262	ng		0.00
42) 2,4,6-Tribromophenol	10.739	330	572553	131.196	ng		0.00
45) 2-Fluorobiphenyl	9.263	172	2580728	92.991	ng		0.00
79) Terphenyl-d14	13.016	244	2059618	96.472	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.869	88	287779	42.281	ng	#	76
3) Pyridine	3.616	79	673749	38.491	ng		91
4) n-Nitrosodimethylamine	3.546	42	393822	47.631	ng		89
6) Aniline	6.569	93	525289	23.139	ng		98
8) 2-Chlorophenol	6.692	128	813189	51.692	ng		97
9) Benzaldehyde	6.457	77	215936	18.210	ng		96
10) Phenol	6.551	94	820300m	42.262	ng		
11) bis(2-Chloroethyl)ether	6.639	93	816673	51.879	ng		94
12) 1,3-Dichlorobenzene	6.845	146	851986	50.928	ng		98
13) 1,4-Dichlorobenzene	6.922	146	856213	50.601	ng		99
14) 1,2-Dichlorobenzene	7.075	146	824848	52.299	ng		100
15) Benzyl Alcohol	7.045	79	698342	54.267	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	1242305	49.527	ng		92
17) 2-Methylphenol	7.157	107	643941	48.696	ng		99
18) Hexachloroethane	7.416	117	332396	52.575	ng		93
19) n-Nitroso-di-n-propyla...	7.316	70	556241	48.942	ng		96
20) 3+4-Methylphenols	7.310	107	719294	44.257	ng	#	79
22) Acetophenone	7.316	105	1057121	48.731	ng	#	99
24) Nitrobenzene	7.487	77	854983	51.110	ng		97
25) Isophorone	7.728	82	1582151	53.532	ng		98
26) 2-Nitrophenol	7.804	139	439674	52.324	ng		88
27) 2,4-Dimethylphenol	7.834	122	729178m	55.806	ng		
28) bis(2-Chloroethoxy)met...	7.934	93	992157	50.397	ng		99
29) 2,4-Dichlorophenol	8.045	162	652847	50.259	ng		97
30) 1,2,4-Trichlorobenzene	8.128	180	668732	49.614	ng		96
31) Naphthalene	8.210	128	2223472	49.925	ng		100
32) Benzoic acid	7.945	122	382162	37.659	ng		94
33) 4-Chloroaniline	8.251	127	230012	12.454	ng		97
34) Hexachlorobutadiene	8.322	225	382474	50.439	ng		98
35) Caprolactam	8.633	113	160690m	37.240	ng		
36) 4-Chloro-3-methylphenol	8.739	107	691918	48.829	ng		93
37) 2-Methylnaphthalene	8.898	142	1473359	50.757	ng		99
38) 1-Methylnaphthalene	8.998	142	1397771	49.791	ng		98
40) 1,2,4,5-Tetrachloroben...	9.063	216	623156	53.307	ng	#	98
41) Hexachlorocyclopentadiene	9.051	237	674840	114.718	ng		99
43) 2,4,6-Trichlorophenol	9.175	196	441321	51.269	ng		97

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44) 2,4,5-Trichlorophenol	9.222	196	478236	52.523	ng		94
46) 1,1'-Biphenyl	9.363	154	1741904	52.379	ng		99
47) 2-Chloronaphthalene	9.392	162	1366124	52.154	ng		99
48) 2-Nitroaniline	9.486	65	441463	50.164	ng		91
49) Acenaphthylene	9.810	152	2059647	52.242	ng		100
50) Dimethylphthalate	9.663	163	1601106	52.475	ng		99
51) 2,6-Dinitrotoluene	9.728	165	359136	54.395	ng		93
52) Acenaphthene	9.980	154	1374348m	53.330	ng		
53) 3-Nitroaniline	9.898	138	232077	29.436	ng	#	89
54) 2,4-Dinitrophenol	10.004	184	253074	71.519	ng		96
55) Dibenzofuran	10.151	168	1848191	50.520	ng		99
56) 4-Nitrophenol	10.063	139	485829	77.855	ng		99
57) 2,4-Dinitrotoluene	10.133	165	446906	51.619	ng		99
58) Fluorene	10.492	166	1400056	50.317	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.269	232	337910	48.041	ng		92
60) Diethylphthalate	10.363	149	1506091	51.043	ng		99
61) 4-Chlorophenyl-phenyle...	10.480	204	646665	50.170	ng	#	89
62) 4-Nitroaniline	10.516	138	336141	43.065	ng		93
63) Azobenzene	10.645	77	1529080	48.548	ng		96
65) 4,6-Dinitro-2-methylph...	10.539	198	184446	41.921	ng		95
66) n-Nitrosodiphenylamine	10.604	169	1237970	55.719	ng		97
67) 4-Bromophenyl-phenylether	10.975	248	409056	55.802	ng		95
68) Hexachlorobenzene	11.039	284	431169	56.034	ng		93
69) Atrazine	11.127	200	384343	62.398	ng		96
70) Pentachlorophenol	11.239	266	399227	87.251	ng		99
71) Phenanthrene	11.457	178	1826566	51.663	ng		99
72) Anthracene	11.510	178	1880846	53.554	ng		100
73) Carbazole	11.663	167	1657465	47.313	ng		100
74) Di-n-butylphthalate	11.986	149	2148112	53.358	ng		99
75) Fluoranthene	12.651	202	1614183	45.842	ng		99
77) Benzidine	12.763	184	133610	11.951	ng		98
78) Pyrene	12.880	202	1606675	49.668	ng		99
80) Butylbenzylphthalate	13.486	149	753838	52.320	ng		98
81) Benzo(a)anthracene	14.068	228	1333445	52.932	ng		100
82) 3,3'-Dichlorobenzidine	14.027	252	315678	50.093	ng		97
83) Chrysene	14.104	228	1249073	51.946	ng		100
84) Bis(2-ethylhexyl)phtha...	14.039	149	1094325	57.079	ng		100
85) Di-n-octyl phthalate	14.657	149	1776940	64.620	ng		98
87) Indeno(1,2,3-cd)pyrene	17.092	276	1868779	60.454	ng		98
88) Benzo(b)fluoranthene	15.133	252	1549034	50.863	ng		98
89) Benzo(k)fluoranthene	15.162	252	1457903	48.998	ng		99
90) Benzo(a)pyrene	15.509	252	1399044	56.429	ng		97
91) Dibenzo(a,h)anthracene	17.115	278	1586679	63.457	ng		97
92) Benzo(g,h,i)perylene	17.562	276	1586522	62.072	ng		98

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

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