Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030323\
Data File : BF132634.D
Acq On : 03 Mar 2023 18:06
Operator : CG\JU
Sample : 01770-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Mar 04 02:19:08 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 24 23:17:30 2023
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Christian Giraldo
03/06/2023
Supervised By :Jagrut Upadhyay
03/06/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.998	152	183325	20.000	ng		0.00
21) Naphthalene-d8	8.286	136	602984	20.000	ng		0.00
39) Acenaphthene-d10	10.051	164	264750	20.000	ng		0.00
64) Phenanthrene-d10	11.545	188	450537	20.000	ng		0.00
76) Chrysene-d12	14.210	240	404405	20.000	ng	#	0.00
86) Perylene-d12	15.762	264	416400	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.634	112	1112389	98.479	ng		0.00
7) Phenol-d6	6.628	99	1367987	92.796	ng		0.00
23) Nitrobenzene-d5	7.569	82	872632	68.661	ng		0.00
42) 2,4,6-Tribromophenol	10.845	330	263039	91.998	ng		0.00
45) 2-Fluorobiphenyl	9.363	172	1216917	69.989	ng		0.00
79) Terphenyl-d14	13.133	244	1261594	52.745	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.928	88	250683	40.120	ng		97
3) Pyridine	3.687	79	638675	38.508	ng		95
4) n-Nitrosodimethylamine	3.651	42	244345	39.003	ng		85
6) Aniline	6.663	93	523914	26.408	ng		96
8) 2-Chlorophenol	6.787	128	502833	42.891	ng		96
9) Benzaldehyde	6.551	77	261193	32.835	ng		99
10) Phenol	6.645	94	651844	38.568	ng		91
11) bis(2-Chloroethyl)ether	6.734	93	552102	42.315	ng		94
12) 1,3-Dichlorobenzene	6.945	146	545617	43.369	ng		97
13) 1,4-Dichlorobenzene	7.022	146	546990	43.543	ng		98
14) 1,2-Dichlorobenzene	7.175	146	514439	42.671	ng		97
15) Benzyl Alcohol	7.139	79	437427	38.528	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.269	45	660852	39.719	ng		99
17) 2-Methylphenol	7.251	107	400274	36.584	ng		95
18) Hexachloroethane	7.516	117	202375	41.236	ng		96
19) n-Nitroso-di-n-propyla...	7.410	70	314571	34.672	ng		93
20) 3+4-Methylphenols	7.404	107	454868	32.179	ng		97
22) Acetophenone	7.410	105	628697	41.349	ng	#	87
24) Nitrobenzene	7.586	77	540248	39.746	ng		99
25) Isophorone	7.822	82	955956	39.232	ng		100
26) 2-Nitrophenol	7.898	139	256409	42.755	ng		99
27) 2,4-Dimethylphenol	7.933	122	392996	41.520	ng		99
28) bis(2-Chloroethoxy)met...	8.028	93	583798	40.956	ng		99
29) 2,4-Dichlorophenol	8.145	162	375411	39.871	ng		99
30) 1,2,4-Trichlorobenzene	8.228	180	431478	42.202	ng		97
31) Naphthalene	8.310	128	1267312	41.055	ng		99
32) Benzoic acid	8.039	122	247891	34.415	ng		96
33) 4-Chloroaniline	8.357	127	213991	16.177	ng	#	92
34) Hexachlorobutadiene	8.422	225	276872	42.616	ng		99
35) Caprolactam	8.722	113	114424m	36.862	ng		
36) 4-Chloro-3-methylphenol	8.833	107	369038	35.689	ng		95
37) 2-Methylnaphthalene	9.004	142	785261	37.328	ng		99
38) 1-Methylnaphthalene	9.104	142	723754	36.814	ng		99
40) 1,2,4,5-Tetrachloroben...	9.169	216	406206	46.895	ng		99
41) Hexachlorocyclopentadiene	9.151	237	183878	39.138	ng		99
43) 2,4,6-Trichlorophenol	9.280	196	258108	43.969	ng		98

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44) 2,4,5-Trichlorophenol	9.322	196	262720	38.346	ng		96
46) 1,1'-Biphenyl	9.463	154	919191	45.871	ng		98
47) 2-Chloronaphthalene	9.492	162	716170	45.078	ng		98
48) 2-Nitroaniline	9.586	65	221140	37.793	ng		93
49) Acenaphthylene	9.910	152	1092635	43.213	ng		100
50) Dimethylphthalate	9.763	163	818144	42.441	ng		99
51) 2,6-Dinitrotoluene	9.827	165	177102	40.341	ng		92
52) Acenaphthene	10.086	154	720993	44.905	ng		98
53) 3-Nitroaniline	9.998	138	149009	30.342	ng		96
54) 2,4-Dinitrophenol	10.110	184	87760	32.836	ng	#	88
55) Dibenzofuran	10.257	168	1007400	43.039	ng		98
56) 4-Nitrophenol	10.163	139	265465	72.484	ng	#	84
57) 2,4-Dinitrotoluene	10.233	165	224042	38.360	ng		96
58) Fluorene	10.598	166	791735	44.221	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.374	232	199850	39.268	ng		97
60) Diethylphthalate	10.463	149	745761	39.611	ng		100
61) 4-Chlorophenyl-phenyle...	10.586	204	368928	39.721	ng		95
62) 4-Nitroaniline	10.616	138	150934	31.310	ng		90
63) Azobenzene	10.751	77	743163	37.272	ng		96
65) 4,6-Dinitro-2-methylph...	10.645	198	64664	21.202	ng		93
66) n-Nitrosodiphenylamine	10.704	169	612894	43.635	ng		99
67) 4-Bromophenyl-phenylether	11.080	248	217637	42.705	ng		98
68) Hexachlorobenzene	11.151	284	237901	44.364	ng		95
69) Atrazine	11.233	200	196374	44.784	ng		99
70) Pentachlorophenol	11.351	266	256563	80.415	ng		99
71) Phenanthrene	11.574	178	1540406	65.999	ng		99
72) Anthracene	11.621	178	1136878	47.301	ng		99
73) Carbazole	11.774	167	974652	44.977	ng		99
74) Di-n-butylphthalate	12.098	149	1062727	41.808	ng		99
75) Fluoranthene	12.774	202	1884711	73.866	ng		98
77) Benzidine	12.886	184	596612	60.604	ng		100
78) Pyrene	13.004	202	1853299	50.406	ng		100
80) Butylbenzylphthalate	13.610	149	537015	37.012	ng		98
81) Benzo(a)anthracene	14.198	228	1625132	53.708	ng		96
82) 3,3'-Dichlorobenzidine	14.157	252	384801	43.135	ng		98
83) Chrysene	14.239	228	1536735	54.310	ng		99
84) Bis(2-ethylhexyl)phtha...	14.168	149	722900	40.558	ng		99
85) Di-n-octyl phthalate	14.792	149	1377216	52.876	ng		98
87) Indeno(1,2,3-cd)pyrene	17.368	276	1085168	39.772	ng		99
88) Benzo(b)fluoranthene	15.304	252	1623729	58.188	ng		98
89) Benzo(k)fluoranthene	15.333	252	1370426	50.180	ng		99
90) Benzo(a)pyrene	15.704	252	1283077	49.128	ng		99
91) Dibenzo(a,h)anthracene	17.386	278	815854	36.700	ng		99
92) Benzo(g,h,i)perylene	17.862	276	858361	34.632	ng		99

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

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