Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120122\
Data File : BF131486.D
Acq On : 01 Dec 2022 11:35
Operator : CG\JU
Sample : PB149356BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 02 03:55:33 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 01 12:46:17 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB149356BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/02/2022
Supervised By :Jagrut Upadhyay 12/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.939	152	73118	20.000	ng		0.00
21) Naphthalene-d8	8.233	136	360597	20.000	ng	#	0.00
39) Acenaphthene-d10	9.998	164	203380	20.000	ng		0.00
64) Phenanthrene-d10	11.498	188	376237	20.000	ng		0.00
76) Chrysene-d12	14.157	240	260125	20.000	ng		0.00
86) Perylene-d12	15.686	264	198410	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.569	112	601621	156.598	ng		0.01
7) Phenol-d6	6.569	99	771968	157.489	ng		0.00
23) Nitrobenzene-d5	7.510	82	495145	69.217	ng		0.00
42) 2,4,6-Tribromophenol	10.798	330	269737	157.644	ng		0.00
45) 2-Fluorobiphenyl	9.316	172	1051408	75.209	ng		0.00
79) Terphenyl-d14	13.092	244	1302695	81.893	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.840	88	72930	39.819	ng		97
3) Pyridine	3.587	79	211265	41.541	ng		90
4) n-Nitrosodimethylamine	3.557	42	128926	42.987	ng		90
6) Aniline	6.604	93	222547m	34.643	ng		
8) 2-Chlorophenol	6.722	128	200082	45.970	ng		100
9) Benzaldehyde	6.492	77	96137	29.938	ng		91
10) Phenol	6.581	94	271053m	49.875	ng		
11) bis(2-Chloroethyl)ether	6.675	93	188272	41.348	ng		97
12) 1,3-Dichlorobenzene	6.881	146	213027	41.067	ng		99
13) 1,4-Dichlorobenzene	6.957	146	215441	40.874	ng		98
14) 1,2-Dichlorobenzene	7.110	146	205490	42.341	ng		96
15) Benzyl Alcohol	7.086	79	176593	43.938	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.216	45	324476	37.262	ng		96
17) 2-Methylphenol	7.192	107	162044	43.682	ng		98
18) Hexachloroethane	7.457	117	90143	47.808	ng		99
19) n-Nitroso-di-n-propyla...	7.357	70	156019	43.480	ng		94
20) 3+4-Methylphenols	7.345	107	224648m	47.429	ng		
22) Acetophenone	7.357	105	309168	33.683	ng	#	95
24) Nitrobenzene	7.533	77	249812	33.518	ng		95
25) Isophorone	7.769	82	427770	33.518	ng		99
26) 2-Nitrophenol	7.845	139	140139	56.230	ng		86
27) 2,4-Dimethylphenol	7.881	122	245219	49.563	ng		94
28) bis(2-Chloroethoxy)met...	7.981	93	304980	42.073	ng		99
29) 2,4-Dichlorophenol	8.086	162	228047	42.493	ng		98
30) 1,2,4-Trichlorobenzene	8.169	180	253722	38.164	ng		99
31) Naphthalene	8.257	128	752808	39.176	ng		99
32) Benzoic acid	8.004	122	161775	51.110	ng		97
33) 4-Chloroaniline	8.304	127	102803	13.561	ng		94
34) Hexachlorobutadiene	8.369	225	153752	35.715	ng		100
35) Caprolactam	8.675	113	74472m	52.808	ng		
36) 4-Chloro-3-methylphenol	8.786	107	244984	43.938	ng		97
37) 2-Methylnaphthalene	8.951	142	500324	38.427	ng		99
38) 1-Methylnaphthalene	9.051	142	471471	37.343	ng		99
40) 1,2,4,5-Tetrachloroben...	9.116	216	251567	38.117	ng		99
41) Hexachlorocyclopentadiene	9.104	237	316914	106.814	ng		99
43) 2,4,6-Trichlorophenol	9.227	196	169359	45.234	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	187284	44.484	ng		97
46) 1,1'-Biphenyl	9.416	154	617184	39.766	ng		98
47) 2-Chloronaphthalene	9.445	162	484701	38.931	ng		100
48) 2-Nitroaniline	9.539	65	169205	44.760	ng		98
49) Acenaphthylene	9.863	152	749667	39.499	ng		100
50) Dimethylphthalate	9.722	163	563058	39.735	ng		98
51) 2,6-Dinitrotoluene	9.786	165	126907	44.783	ng	#	72
52) Acenaphthene	10.033	154	539171m	45.368	ng		
53) 3-Nitroaniline	9.951	138	70637	24.258	ng		96
54) 2,4-Dinitrophenol	10.063	184	155089	105.099	ng	#	82
55) Dibenzofuran	10.210	168	664865	38.886	ng		97
56) 4-Nitrophenol	10.116	139	211932	104.868	ng		93
57) 2,4-Dinitrotoluene	10.192	165	175508	49.223	ng		85
58) Fluorene	10.551	166	529729	39.698	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	156030	44.501	ng		97
60) Diethylphthalate	10.422	149	527149	39.398	ng		100
61) 4-Chlorophenyl-phenyle...	10.545	204	264555	38.674	ng		96
62) 4-Nitroaniline	10.580	138	130524	45.039	ng		86
63) Azobenzene	10.704	77	529301	36.791	ng		94
65) 4,6-Dinitro-2-methylph...	10.598	198	97649	57.086	ng	#	79
66) n-Nitrosodiphenylamine	10.663	169	458313	38.229	ng		97
67) 4-Bromophenyl-phenylether	11.039	248	173217	37.564	ng		95
68) Hexachlorobenzene	11.098	284	190374	38.898	ng		95
69) Atrazine	11.192	200	146466	39.680	ng		99
70) Pentachlorophenol	11.298	266	223277	78.604	ng		99
71) Phenanthrene	11.521	178	791536	38.929	ng		99
72) Anthracene	11.574	178	817200	40.895	ng		100
73) Carbazole	11.733	167	728368	42.731	ng		99
74) Di-n-butylphthalate	12.057	149	818516	40.751	ng		99
75) Fluoranthene	12.721	202	892767	41.668	ng		98
77) Benzidine	12.839	184	112868	23.491	ng		97
78) Pyrene	12.951	202	905205	39.442	ng		99
80) Butylbenzylphthalate	13.563	149	334913	43.774	ng		98
81) Benzo(a)anthracene	14.145	228	723470	40.575	ng		99
82) 3,3'-Dichlorobenzidine	14.104	252	157237	33.233	ng		98
83) Chrysene	14.180	228	687280	39.288	ng		100
84) Bis(2-ethylhexyl)phtha...	14.121	149	411423	40.765	ng		99
85) Di-n-octyl phthalate	14.751	149	568625	40.940	ng		94
87) Indeno(1,2,3-cd)pyrene	17.256	276	564125	42.332	ng		99
88) Benzo(b)fluoranthene	15.227	252	580041m	44.006	ng		
89) Benzo(k)fluoranthene	15.262	252	560625	41.389	ng		99
90) Benzo(a)pyrene	15.621	252	485979	44.935	ng		98
91) Dibenzo(a,h)anthracene	17.274	278	474417	43.121	ng		98
92) Benzo(g,h,i)perylene	17.733	276	473215	43.095	ng		99

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

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