Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
Data File : BF131251.D
Acq On : 16 Nov 2022 01:14
Operator : CG\JU
Sample : PB148855BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 16 07:07:05 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 06:35:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148855BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/16/2022
Supervised By :Jagrut Upadhyay 11/16/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	108114	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	407835	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	237014	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	438914	20.000	ng	0.00
76) Chrysene-d12	14.186	240	301853	20.000	ng	0.00
86) Perylene-d12	15.727	264	227951	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	695398	113.896	ng	0.02
7) Phenol-d6	6.593	99	874310	113.061	ng	0.00
23) Nitrobenzene-d5	7.545	82	566354	77.947	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	253564	111.999	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1063000	65.633	ng	0.00
79) Terphenyl-d14	13.127	244	1291182	73.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	81668	29.196	ng	95
3) Pyridine	3.616	79	220713	27.916	ng	100
4) n-Nitrosodimethylamine	3.587	42	174201	37.801	ng	96
6) Aniline	6.634	93	303987m	31.339	ng	
8) 2-Chlorophenol	6.757	128	266074	38.768	ng	96
9) Benzaldehyde	6.522	77	60297	10.749	ng	98
10) Phenol	6.604	94	321671	37.184	ng	95
11) bis(2-Chloroethyl)ether	6.710	93	255349	37.698	ng	98
12) 1,3-Dichlorobenzene	6.916	146	282939	36.440	ng	99
13) 1,4-Dichlorobenzene	6.992	146	284134	36.184	ng	97
14) 1,2-Dichlorobenzene	7.145	146	273615	37.699	ng	98
15) Benzyl Alcohol	7.116	79	237881m	35.414	ng	
16) 2,2'-oxybis(1-Chloropr...	7.245	45	482983	37.856	ng	100
17) 2-Methylphenol	7.216	107	220050	37.556	ng	98
18) Hexachloroethane	7.492	117	108213	37.907	ng	98
19) n-Nitroso-di-n-propyla...	7.392	70	200013	37.118	ng	99
20) 3+4-Methylphenols	7.375	107	277976	36.677	ng	92
22) Acetophenone	7.387	105	382193	35.951	ng	99
24) Nitrobenzene	7.563	77	300438	38.302	ng	99
25) Isophorone	7.804	82	538692	37.111	ng	99
26) 2-Nitrophenol	7.881	139	121952	39.644	ng	97
27) 2,4-Dimethylphenol	7.910	122	250858	42.221	ng	99
28) bis(2-Chloroethoxy)met...	8.010	93	310405	37.929	ng	99
29) 2,4-Dichlorophenol	8.116	162	226922	35.317	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	259329	34.424	ng	100
31) Naphthalene	8.292	128	746067	33.765	ng	99
32) Benzoic acid	8.028	122	161098m	38.879	ng	
33) 4-Chloroaniline	8.334	127	237319	27.284	ng	99
34) Hexachlorobutadiene	8.404	225	162014	33.980	ng	98
35) Caprolactam	8.704	113	73129m	38.513	ng	
36) 4-Chloro-3-methylphenol	8.810	107	245532	36.304	ng	94
37) 2-Methylnaphthalene	8.986	142	500644	34.021	ng	100
38) 1-Methylnaphthalene	9.086	142	473469	33.180	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	261800	34.306	ng	98
41) Hexachlorocyclopentadiene	9.134	237	323295	82.656	ng	98
43) 2,4,6-Trichlorophenol	9.257	196	161166	32.303	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	192839	36.018	ng		97
46) 1,1'-Biphenyl	9.451	154	624827	34.293	ng		100
47) 2-Chloronaphthalene	9.475	162	491546	33.303	ng		99
48) 2-Nitroaniline	9.569	65	176405	38.154	ng		96
49) Acenaphthylene	9.898	152	754390	33.470	ng		99
50) Dimethylphthalate	9.751	163	571040	33.646	ng		99
51) 2,6-Dinitrotoluene	9.816	165	123304	37.716	ng		95
52) Acenaphthene	10.069	154	523994	37.245	ng		98
53) 3-Nitroaniline	9.986	138	99228	29.054	ng		99
54) 2,4-Dinitrophenol	10.086	184	111083	75.407	ng	#	84
55) Dibenzofuran	10.245	168	674136	33.444	ng		98
56) 4-Nitrophenol	10.133	139	187786	70.322	ng		92
57) 2,4-Dinitrotoluene	10.222	165	157686	39.021	ng		87
58) Fluorene	10.586	166	530333	33.435	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.351	232	159189	35.097	ng		99
60) Diethylphthalate	10.457	149	545478	34.001	ng		99
61) 4-Chlorophenyl-phenyle...	10.575	204	270148	34.444	ng		99
62) 4-Nitroaniline	10.604	138	121043	35.253	ng		95
63) Azobenzene	10.739	77	567026	33.758	ng		99
65) 4,6-Dinitro-2-methylph...	10.628	198	66799	36.197	ng		95
66) n-Nitrosodiphenylamine	10.698	169	464901	33.339	ng		99
67) 4-Bromophenyl-phenylether	11.069	248	177104	34.366	ng		98
68) Hexachlorobenzene	11.133	284	190922	34.185	ng		99
69) Atrazine	11.222	200	125772	27.516	ng		99
70) Pentachlorophenol	11.328	266	231888	71.135	ng		98
71) Phenanthrene	11.557	178	798855	32.979	ng		99
72) Anthracene	11.610	178	807288	34.117	ng		100
73) Carbazole	11.763	167	726699	34.309	ng		100
74) Di-n-butylphthalate	12.092	149	832128	33.757	ng		100
75) Fluoranthene	12.751	202	895320	33.514	ng		100
77) Benzidine	12.869	184	251343	38.856	ng		98
78) Pyrene	12.986	202	907757	34.886	ng		99
80) Butylbenzylphthalate	13.604	149	330023	37.425	ng		99
81) Benzo(a)anthracene	14.174	228	705681	33.639	ng		100
82) 3,3'-Dichlorobenzidine	14.139	252	208178	33.914	ng		100
83) Chrysene	14.216	228	674661	33.012	ng		99
84) Bis(2-ethylhexyl)phtha...	14.163	149	416827	37.584	ng		98
85) Di-n-octyl phthalate	14.792	149	596630	38.069	ng		100
87) Indeno(1,2,3-cd)pyrene	17.321	276	563473	37.417	ng		99
88) Benzo(b)fluoranthene	15.268	252	585747	36.804	ng		98
89) Benzo(k)fluoranthene	15.304	252	557050	35.307	ng		99
90) Benzo(a)pyrene	15.663	252	491451	38.629	ng		99
91) Dibenzo(a,h)anthracene	17.345	278	474831	38.432	ng		98
92) Benzo(g,h,i)perylene	17.804	276	466256	34.771	ng		99

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

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