Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111522\
Data File : BF131249.D
Acq On : 16 Nov 2022 00:14
Operator : CG\JU
Sample : PB148960BSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Nov 16 07:06:03 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 :
PB148960BSD

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	95560	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	345697	20.000	ng	0.00
39) Acenaphthene-d10	10.034	164	198671	20.000	ng	0.00
64) Phenanthrene-d10	11.528	188	367887	20.000	ng	0.00
76) Chrysene-d12	14.186	240	263122	20.000	ng	0.00
86) Perylene-d12	15.727	264	204327	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	492936	91.343	ng	0.01
7) Phenol-d6	6.593	99	613537	89.762	ng	0.00
23) Nitrobenzene-d5	7.545	82	593696	96.397	ng	0.00
42) 2,4,6-Tribromophenol	10.828	330	171563	90.405	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1103396	81.276	ng	0.00
79) Terphenyl-d14	13.127	244	1369833	89.402	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.852	88	84267	34.083	ng	97
3) Pyridine	3.605	79	236085	33.783	ng	97
4) n-Nitrosodimethylamine	3.575	42	173556	42.609	ng	97
6) Aniline	6.640	93	331623m	38.680	ng	
8) 2-Chlorophenol	6.757	128	269041	44.350	ng	96
9) Benzaldehyde	6.528	77	168495	33.984	ng	97
10) Phenol	6.604	94	323964	42.368	ng	99
11) bis(2-Chloroethyl)ether	6.710	93	253646	42.366	ng	98
12) 1,3-Dichlorobenzene	6.916	146	283062	41.245	ng	100
13) 1,4-Dichlorobenzene	6.993	146	285559	41.142	ng	100
14) 1,2-Dichlorobenzene	7.145	146	277458	43.251	ng	99
15) Benzyl Alcohol	7.116	79	250091m	42.123	ng	
16) 2,2'-oxybis(1-Chloropr...	7.245	45	484212	42.939	ng	99
17) 2-Methylphenol	7.222	107	219579	42.398	ng	98
18) Hexachloroethane	7.492	117	107337	42.539	ng	98
19) n-Nitroso-di-n-propyla...	7.393	70	196729	41.305	ng	99
20) 3+4-Methylphenols	7.375	107	275635	41.146	ng	92
22) Acetophenone	7.387	105	381629	42.350	ng	98
24) Nitrobenzene	7.563	77	298705	44.926	ng	99
25) Isophorone	7.804	82	538828	43.793	ng	99
26) 2-Nitrophenol	7.881	139	122563	46.182	ng	98
27) 2,4-Dimethylphenol	7.910	122	243083	48.267	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	307801	44.371	ng	98
29) 2,4-Dichlorophenol	8.116	162	227324	41.739	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	256562	40.178	ng	99
31) Naphthalene	8.292	128	741021	39.565	ng	99
32) Benzoic acid	8.022	122	155162	43.337	ng	96
33) 4-Chloroaniline	8.334	127	184894	25.078	ng	96
34) Hexachlorobutadiene	8.404	225	163923	40.560	ng	99
35) Caprolactam	8.710	113	71700m	44.548	ng	
36) 4-Chloro-3-methylphenol	8.810	107	246387	42.978	ng	94
37) 2-Methylnaphthalene	8.987	142	497420	39.878	ng	100
38) 1-Methylnaphthalene	9.087	142	469284	38.798	ng	99
40) 1,2,4,5-Tetrachloroben...	9.151	216	259667	40.594	ng	99
41) Hexachlorocyclopentadiene	9.139	237	333829	101.822	ng	97
43) 2,4,6-Trichlorophenol	9.257	196	162216	38.789	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.292	196	188558	42.015	ng		98
46) 1,1'-Biphenyl	9.451	154	620195	40.608	ng		99
47) 2-Chloronaphthalene	9.475	162	494268	39.950	ng		100
48) 2-Nitroaniline	9.569	65	173827	44.140	ng		96
49) Acenaphthylene	9.898	152	756392	40.036	ng		99
50) Dimethylphthalate	9.757	163	571549	40.176	ng		99
51) 2,6-Dinitrotoluene	9.816	165	121284	43.743	ng		93
52) Acenaphthene	10.069	154	514657	43.642	ng		99
53) 3-Nitroaniline	9.981	138	86852	30.218	ng		97
54) 2,4-Dinitrophenol	10.086	184	106596	83.083	ng	#	81
55) Dibenzofuran	10.245	168	670610	39.690	ng		98
56) 4-Nitrophenol	10.139	139	193155	86.292	ng		96
57) 2,4-Dinitrotoluene	10.222	165	155085	45.050	ng		91
58) Fluorene	10.586	166	525044	39.490	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.351	232	158506	41.692	ng		99
60) Diethylphthalate	10.457	149	542873	40.369	ng		99
61) 4-Chlorophenyl-phenyle...	10.581	204	269682	41.021	ng		94
62) 4-Nitroaniline	10.604	138	121728	41.723	ng		96
63) Azobenzene	10.739	77	560363	39.800	ng		99
65) 4,6-Dinitro-2-methylph...	10.628	198	63684	40.070	ng		93
66) n-Nitrosodiphenylamine	10.698	169	461494	39.484	ng		100
67) 4-Bromophenyl-phenylether	11.069	248	171706	39.751	ng		97
68) Hexachlorobenzene	11.133	284	190683	40.734	ng		99
69) Atrazine	11.228	200	169476	44.236	ng		98
70) Pentachlorophenol	11.328	266	226741m	82.985	ng		
71) Phenanthrene	11.557	178	802053	39.504	ng		99
72) Anthracene	11.610	178	813028	40.993	ng		99
73) Carbazole	11.763	167	729797	41.107	ng		99
74) Di-n-butylphthalate	12.092	149	833096	40.321	ng		100
75) Fluoranthene	12.751	202	907834	40.544	ng		100
77) Benzidine	12.874	184	385217	68.318	ng		98
78) Pyrene	12.986	202	927363	40.886	ng		99
80) Butylbenzylphthalate	13.604	149	344886	44.867	ng		99
81) Benzo(a)anthracene	14.180	228	738414	40.380	ng		100
82) 3,3'-Dichlorobenzidine	14.139	252	187045	34.956	ng		97
83) Chrysene	14.216	228	701962	39.404	ng		100
84) Bis(2-ethylhexyl)phtha...	14.163	149	438998	45.410	ng		99
85) Di-n-octyl phthalate	14.792	149	639427	46.805	ng		99
87) Indeno(1,2,3-cd)pyrene	17.315	276	575941	42.667	ng		99
88) Benzo(b)fluoranthene	15.268	252	600154	42.069	ng		98
89) Benzo(k)fluoranthene	15.304	252	568430	40.194	ng		100
90) Benzo(a)pyrene	15.663	252	498058	43.675	ng		97
91) Dibenzo(a,h)anthracene	17.345	278	485189	43.811	ng		99
92) Benzo(g,h,i)perylene	17.804	276	476241	39.139	ng		98

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

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