Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120120\
Data File : BF122520.D
Acq On : 1 Dec 2020 13:47
Operator : JU/CG
Sample : PB133324BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Dec 01 14:21:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110920.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 24 14:38:56 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB133324BS

Manual Integrations APPROVED
mohammad

12/2/2020 12:40:59 PM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.857	152	294390	20.00	ng		0.00
21) Naphthalene-d8	8.145	136	1163187	20.00	ng		0.00
39) Acenaphthene-d10	9.904	164	640213	20.00	ng		0.00
64) Phenanthrene-d10	11.392	188	1191295	20.00	ng		0.00
76) Chrysene-d12	14.039	240	936064	20.00	ng		0.00
86) Perylene-d12	15.510	264	788203	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1700953	88.72	ng		0.02
7) Phenol-d6	6.504	99	2211335	88.17	ng		0.00
23) Nitrobenzene-d5	7.428	82	1430919	75.31	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	730196	106.27	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	2540739	62.01	ng		0.00
79) Terphenyl-d14	12.980	244	2793679	63.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.740	88	254202	28.91	ng		88
3) Pyridine	3.475	79	712882	29.48	ng		89
4) n-Nitrosodimethylamine	3.440	42	352829	30.95	ng		87
6) Aniline	6.522	93	777420	23.62	ng		94
8) 2-Chlorophenol	6.645	128	821309	41.31	ng		93
9) Benzaldehyde	6.404	77	127013	6.52	ng		97
10) Phenol	6.516	94	954184	38.63	ng		95
11) bis(2-Chloroethyl)ether	6.598	93	740895	37.74	ng		91
12) 1,3-Dichlorobenzene	6.804	146	829030	36.73	ng		95
13) 1,4-Dichlorobenzene	6.875	146	844925	37.26	ng		100
14) 1,2-Dichlorobenzene	7.028	146	813051	38.42	ng		98
15) Benzyl Alcohol	7.004	79	649848	36.44	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	987930	34.53	ng		91
17) 2-Methylphenol	7.122	107	672913	40.55	ng		98
18) Hexachloroethane	7.375	117	301090	38.13	ng		93
19) n-Nitroso-di-n-propyla...	7.281	70	540627	36.07	ng		92
20) 3+4-Methylphenols	7.275	107	757286	37.08	ng		92
22) Acetophenone	7.269	105	997874	32.94	ng	#	95
24) Nitrobenzene	7.445	77	831062	38.23	ng		96
25) Isophorone	7.687	82	1505765	35.55	ng		97
26) 2-Nitrophenol	7.763	139	435928	46.45	ng		95
27) 2,4-Dimethylphenol	7.804	122	682867	34.18	ng		99
28) bis(2-Chloroethoxy)met...	7.892	93	952702	36.77	ng		99
29) 2,4-Dichlorophenol	8.004	162	704837	39.85	ng		98
30) 1,2,4-Trichlorobenzene	8.087	180	734352	37.61	ng		96
31) Naphthalene	8.169	128	2210293	35.74	ng		98
32) Benzoic acid	7.951	122	462962	42.88	ng		95
33) 4-Chloroaniline	8.216	127	511453	18.99	ng		94
34) Hexachlorobutadiene	8.287	225	428295	38.17	ng		99
35) Caprolactam	8.604	113	226892m	40.47	ng		
36) 4-Chloro-3-methylphenol	8.710	107	746634	40.47	ng		93
37) 2-Methylnaphthalene	8.863	142	1522448	37.26	ng		99
38) 1-Methylnaphthalene	8.963	142	1448432	37.87	ng		100
40) 1,2,4,5-Tetrachloroben...	9.028	216	704566	35.71	ng		100
41) Hexachlorocyclopentadiene	9.016	237	727917	63.11	ng		98
43) 2,4,6-Trichlorophenol	9.139	196	516272	40.30	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	564316	42.02	ng		99
46) 1,1'-Biphenyl	9.328	154	1783105	34.99	ng		97
47) 2-Chloronaphthalene	9.351	162	1453734	35.94	ng		99
48) 2-Nitroaniline	9.445	65	466064	39.68	ng		92
49) Acenaphthylene	9.769	152	2239236	36.02	ng		99
50) Dimethylphthalate	9.633	163	1804246	39.65	ng		100
51) 2,6-Dinitrotoluene	9.692	165	409439	41.03	ng	#	84
52) Acenaphthene	9.939	154	1573064m	40.88	ng		
53) 3-Nitroaniline	9.857	138	280478	26.07	ng		96
54) 2,4-Dinitrophenol	9.969	184	384542	86.10	ng		91
55) Dibenzofuran	10.110	168	2019072	35.81	ng		98
56) 4-Nitrophenol	10.033	139	663769	67.76	ng		97
57) 2,4-Dinitrotoluene	10.098	165	551840	43.71	ng		89
58) Fluorene	10.457	166	1542089	35.72	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	488800	43.76	ng		97
60) Diethylphthalate	10.328	149	1721508	38.56	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	761905	37.39	ng		96
62) 4-Nitroaniline	10.480	138	424605	38.36	ng		98
63) Azobenzene	10.604	77	1618657	34.56	ng		96
65) 4,6-Dinitro-2-methylph...	10.510	198	282036	52.78	ng		87
66) n-Nitrosodiphenylamine	10.569	169	1460919	35.99	ng		94
67) 4-Bromophenyl-phenylether	10.933	248	548948	39.21	ng		98
68) Hexachlorobenzene	11.004	284	599599	39.64	ng		98
69) Atrazine	11.098	200	470214	46.52	ng		96
70) Pentachlorophenol	11.204	266	678827	77.90	ng		99
71) Phenanthrene	11.422	178	2377348	35.17	ng		98
72) Anthracene	11.469	178	2428104	34.86	ng		99
73) Carbazole	11.622	167	2235354	35.27	ng		98
74) Di-n-butylphthalate	11.951	149	2599975	38.48	ng		99
75) Fluoranthene	12.610	202	2521290	35.73	ng		97
77) Benzidine	12.727	184	796988	30.70	ng		100
78) Pyrene	12.839	202	2524251	38.38	ng		99
80) Butylbenzylphthalate	13.451	149	1133670	43.33	ng		97
81) Benzo(a)anthracene	14.027	228	2192612	37.66	ng		99
82) 3,3'-Dichlorobenzidine	13.986	252	701610	32.34	ng		100
83) Chrysene	14.068	228	2168880	36.99	ng		98
84) Bis(2-ethylhexyl)phtha...	14.010	149	1446298	45.61	ng		98
85) Di-n-octyl phthalate	14.627	149	2440834	45.42	ng		96
87) Indeno(1,2,3-cd)pyrene	16.986	276	1961459	41.47	ng		99
88) Benzo(b)fluoranthene	15.080	252	2320624	45.46	ng		100
89) Benzo(k)fluoranthene	15.115	252	1847173	37.11	ng		100
90) Benzo(a)pyrene	15.451	252	1808659	40.64	ng		99
91) Dibenzo(a,h)anthracene	17.009	278	1626223	41.05	ng		98
92) Benzo(g,h,i)perylene	17.433	276	1442618	37.45	ng		99

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

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