Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF013020\
Data File : BF118751.D
Acq On : 30 Jan 2020 15:09
Operator : CG/JU
Sample : PB126458BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Jan 30 22:19:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 27 14:24:10 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB126458BS

Manual Integrations APPROVED
mohammad
2/3/2020 7:56:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	314757	20.00	ng		-0.02
21) Naphthalene-d8	8.13	136	1185789	20.00	ng		-0.02
39) Acenaphthene-d10	9.89	164	689453	20.00	ng		-0.01
64) Phenanthrene-d10	11.37	188	1315171	20.00	ng		-0.01
76) Chrysene-d12	14.01	240	1017879	20.00	ng		-0.01
87) Perylene-d12	15.46	264	1040960	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	1751380	103.34	ng		0.00
7) Phenol-d6	6.47	99	2217849	100.69	ng		-0.02
23) Nitrobenzene-d5	7.40	82	1277609	60.27	ng		-0.02
42) 2,4,6-Tribromophenol	10.67	330	868440	108.90	ng		-0.01
45) 2-Fluorobiphenyl	9.20	172	2669086	63.63	ng		-0.02
79) Terphenyl-d14	12.95	244	3312049	70.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	285862	34.825	ng		99
3) Pyridine	3.45	79	705124	30.478	ng		98
4) n-Nitrosodimethylamine	3.39	42	297027	29.946	ng		97
6) Aniline	6.50	93	830701	28.640	ng		100
8) 2-Chlorophenol	6.63	128	760700	39.990	ng		99
9) Benzaldehyde	6.39	77	387078	28.895	ng		97
10) Phenol	6.49	94	912120	36.335	ng		98
11) bis(2-Chloroethyl)ether	6.57	93	699594	37.563	ng		100
12) 1,3-Dichlorobenzene	6.79	146	840289	37.741	ng		99
13) 1,4-Dichlorobenzene	6.86	146	859383	38.451	ng		99
14) 1,2-Dichlorobenzene	7.02	146	796729	37.921	ng		98
15) Benzyl Alcohol	6.98	79	658707	37.709	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.12	45	836655	32.251	ng		100
17) 2-Methylphenol	7.09	107	629623	39.736	ng		98
18) Hexachloroethane	7.36	117	304220	37.538	ng		99
19) n-Nitroso-di-n-propylamine	7.26	70	509705	34.270	ng		99
20) 3+4-Methylphenols	7.25	107	746790	38.603	ng		98
22) Acetophenone	7.25	105	984515	35.048	ng	#	97
24) Nitrobenzene	7.42	77	773489	35.633	ng		99
25) Isophorone	7.66	82	1442974	37.318	ng		99
26) 2-Nitrophenol	7.74	139	424839	45.895	ng		99
27) 2,4-Dimethylphenol	7.78	122	676430	42.317	ng		99
28) bis(2-Chloroethoxy)methane	7.87	93	894418	35.899	ng		99
29) 2,4-Dichlorophenol	7.98	162	695830	39.378	ng		99
30) 1,2,4-Trichlorobenzene	8.07	180	759262	37.058	ng		99
31) Naphthalene	8.15	128	2172169	40.551	ng		99
32) Benzoic acid	7.90	122	473891	39.502	ng		97
33) 4-Chloroaniline	8.19	127	505127	20.402	ng		98
34) Hexachlorobutadiene	8.27	225	449180	36.000	ng		98
35) Caprolactam	8.56	113	223507m	38.651	ng		
36) 4-Chloro-3-methylphenol	8.67	107	700752	40.159	ng		99
37) 2-Methylnaphthalene	8.84	142	1548381	40.952	ng		99
38) 1-Methylnaphthalene	8.94	142	1456923	40.559	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	746338	34.597	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	883468	81.171 ng	99
43) 2,4,6-Trichlorophenol	9.12	196	539537	37.690 ng	98
44) 2,4,5-Trichlorophenol	9.16	196	558440	38.197 ng	99
46) 1,1'-Biphenyl	9.30	154	1843537	38.797 ng	99
47) 2-Chloronaphthalene	9.33	162	1489080	37.180 ng	99
48) 2-Nitroaniline	9.42	65	415178	33.723 ng	93
49) Acenaphthylene	9.75	152	2296453	40.758 ng	99
50) Dimethylphthalate	9.60	163	1808123	40.253 ng	99
51) 2,6-Dinitrotoluene	9.66	165	418989	41.655 ng	95
52) Acenaphthene	9.92	154	1582564	42.005 ng	100
53) 3-Nitroaniline	9.83	138	272662	23.740 ng	97
54) 2,4-Dinitrophenol	9.94	184	407820	101.558 ng	94
55) Dibenzofuran	10.09	168	2096667	40.157 ng	97
56) 4-Nitrophenol	10.00	139	703833	81.176 ng	92
57) 2,4-Dinitrotoluene	10.07	165	566792	44.699 ng	99
58) Fluorene	10.43	166	1568432	38.265 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	499299	38.828 ng	100
60) Diethylphthalate	10.30	149	1834421	42.120 ng	99
61) 4-Chlorophenyl-phenylether	10.42	204	844053	37.862 ng	94
62) 4-Nitroaniline	10.45	138	412613	35.023 ng	99
63) Azobenzene	10.59	77	1563095	37.059 ng	98
65) 4,6-Dinitro-2-methylphenol	10.48	198	312575	54.049 ng	97
66) n-Nitrosodiphenylamine	10.54	169	1499987	37.819 ng	99
67) 4-Bromophenyl-phenylether	10.91	248	590829	36.362 ng	94
68) Hexachlorobenzene	10.99	284	668371	36.282 ng	94
69) Atrazine	11.07	200	573464	41.715 ng	99
70) Pentachlorophenol	11.17	266	731583	71.429 ng	98
71) Phenanthrene	11.39	178	2437015	38.409 ng	100
72) Anthracene	11.44	178	2537227	40.413 ng	100
73) Carbazole	11.60	167	2207186	38.328 ng	100
74) Di-n-butylphthalate	11.93	149	2755549	43.069 ng	99
75) Fluoranthene	12.58	202	2656787	39.700 ng	100
77) Benzidine	12.70	184	1576817	57.978 ng	99
78) Pyrene	12.81	202	2669366	38.628 ng	100
80) Butylbenzylphthalate	13.43	149	1213407	42.904 ng	95
81) Benzo(a)anthracene	14.00	228	2310739	37.738 ng	100
82) 3,3'-Dichlorobenzidine	13.96	252	572840	26.255 ng	99
83) Chrysene	14.04	228	2328239	39.674 ng	99
84) Bis(2-ethylhexyl)phthalate	13.99	149	1604027	46.422 ng	100
85) Di-n-octyl phthalate	14.60	149	2768514	54.131 ng	100
86) Indeno(1,2,3-cd)pyrene	16.92	276	2184680	42.845 ng	100
88) Benzo(b)fluoranthene	15.04	252	2417602	36.948 ng	100
89) Benzo(k)fluoranthene	15.07	252	2249186	37.103 ng	99
90) Benzo(a)pyrene	15.40	252	2083513	36.913 ng	99
91) Dibenzo(a,h)anthracene	16.94	278	1847621	37.006 ng	100
92) Benzo(g,h,i)perylene	17.36	276	1747157	36.041 ng	99

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

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