Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102720\
Data File : BF122136.D
Acq On : 27 Oct 2020 10:41
Operator : JU/CG
Sample : PB132611BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132611BS

Manual Integrations APPROVED
mohammad
10/28/2020 8:05:15 AM

Quant Time: Oct 27 12:13:01 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF101220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 26 17:27:32 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.716	152	107539	20.00	ng		0.00
21) Naphthalene-d8	7.998	136	422439	20.00	ng		0.00
39) Acenaphthene-d10	9.751	164	220078	20.00	ng		0.00
64) Phenanthrene-d10	11.239	188	407433	20.00	ng		0.00
76) Chrysene-d12	13.886	240	292325	20.00	ng		0.00
86) Perylene-d12	15.309	264	247456	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.351	112	870991	119.54	ng		0.02
7) Phenol-d6	6.381	99	1052717	112.24	ng		0.01
23) Nitrobenzene-d5	7.292	82	764954	92.87	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	345860	127.04	ng		0.00
45) 2-Fluorobiphenyl	9.075	172	1274923	85.24	ng		0.00
79) Terphenyl-d14	12.821	244	1398026	91.14	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.487	88	118328	36.92	ng		98
3) Pyridine	3.210	79	342261	40.62	ng		97
4) n-Nitrosodimethylamine	3.169	42	193959	47.63	ng		97
6) Aniline	6.386	93	399702	34.61	ng	#	30
8) 2-Chlorophenol	6.510	128	354285	48.11	ng		98
9) Benzaldehyde	6.269	77	139585	23.38	ng		97
10) Phenol	6.392	94	443012	45.77	ng		96
11) bis(2-Chloroethyl)ether	6.457	93	348549	46.58	ng		98
12) 1,3-Dichlorobenzene	6.657	146	374354	45.19	ng		98
13) 1,4-Dichlorobenzene	6.734	146	378466	45.50	ng		99
14) 1,2-Dichlorobenzene	6.886	146	348234	45.80	ng		99
15) Benzyl Alcohol	6.875	79	319307	52.63	ng		97
16) 2,2'-oxybis(1-Chloropr...	6.992	45	506806	44.01	ng	#	7
17) 2-Methylphenol	6.992	107	287499	45.66	ng	#	87
18) Hexachloroethane	7.222	117	138931	46.25	ng		96
19) n-Nitroso-di-n-propyla...	7.139	70	256201	47.97	ng		97
20) 3+4-Methylphenols	7.151	107	376771	49.62	ng	#	61
22) Acetophenone	7.134	105	490426	45.12	ng	#	90
24) Nitrobenzene	7.310	77	394812	44.84	ng		99
25) Isophorone	7.551	82	700167	44.95	ng		98
26) 2-Nitrophenol	7.622	139	190735	47.04	ng		91
27) 2,4-Dimethylphenol	7.669	122	311183	45.02	ng		97
28) bis(2-Chloroethoxy)met...	7.757	93	431431	44.27	ng		100
29) 2,4-Dichlorophenol	7.875	162	295954	45.73	ng		98
30) 1,2,4-Trichlorobenzene	7.945	180	305624	44.41	ng		100
31) Naphthalene	8.022	128	990914	43.79	ng		99
32) Benzoic acid	7.851	122	196639	49.49	ng		99
33) 4-Chloroaniline	8.081	127	298621	30.98	ng		99
34) Hexachlorobutadiene	8.133	225	183939	45.07	ng		99
35) Caprolactam	8.475	113	93861m	45.66	ng		
36) 4-Chloro-3-methylphenol	8.580	107	328872	47.31	ng		99
37) 2-Methylnaphthalene	8.710	142	649112	44.29	ng		98
38) 1-Methylnaphthalene	8.810	142	602357	44.38	ng		100
40) 1,2,4,5-Tetrachloroben...	8.880	216	306777	43.19	ng		100
41) Hexachlorocyclopentadiene	8.863	237	124020	63.02	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	207358	47.31	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.051	196	209508	44.26	ng		97
46) 1,1'-Biphenyl	9.175	154	781068	43.65	ng		99
47) 2-Chloronaphthalene	9.204	162	614921	44.19	ng		99
48) 2-Nitroaniline	9.310	65	217682	47.42	ng		96
49) Acenaphthylene	9.616	152	923515	43.21	ng		100
50) Dimethylphthalate	9.480	163	725483	45.08	ng		99
51) 2,6-Dinitrotoluene	9.557	165	162214	45.95	ng		87
52) Acenaphthene	9.786	154	566442	44.55	ng		99
53) 3-Nitroaniline	9.727	138	133481	33.25	ng		96
54) 2,4-Dinitrophenol	9.851	184	158306	87.02	ng		94
55) Dibenzofuran	9.957	168	808643	43.49	ng		95
56) 4-Nitrophenol	9.916	139	176364	80.75	ng	#	80
57) 2,4-Dinitrotoluene	9.969	165	209281	48.16	ng		90
58) Fluorene	10.304	166	672417	44.89	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.092	232	178338	48.70	ng		99
60) Diethylphthalate	10.180	149	720575	46.43	ng		99
61) 4-Chlorophenyl-phenyle...	10.292	204	326376	45.43	ng		98
62) 4-Nitroaniline	10.351	138	164370	40.98	ng		95
63) Azobenzene	10.451	77	739011	45.03	ng		98
65) 4,6-Dinitro-2-methylph...	10.380	198	120983	44.66	ng		94
66) n-Nitrosodiphenylamine	10.416	169	633285	45.12	ng		100
67) 4-Bromophenyl-phenylether	10.780	248	216432	45.98	ng		98
68) Hexachlorobenzene	10.851	284	246221	46.21	ng		99
69) Atrazine	10.945	200	174540	50.86	ng		99
70) Pentachlorophenol	11.057	266	194617	91.62	ng		97
71) Phenanthrene	11.263	178	994295	44.51	ng		99
72) Anthracene	11.316	178	1026069	44.28	ng		99
73) Carbazole	11.480	167	909942	44.17	ng		100
74) Di-n-butylphthalate	11.798	149	1103722	46.57	ng		99
75) Fluoranthene	12.451	202	1054785	44.03	ng		99
77) Benzidine	12.574	184	333872	37.05	ng		99
78) Pyrene	12.680	202	1073681	48.20	ng		99
80) Butylbenzylphthalate	13.292	149	449974	50.93	ng		99
81) Benzo(a)anthracene	13.874	228	903090	47.14	ng		100
82) 3,3'-Dichlorobenzidine	13.833	252	246558	34.70	ng		98
83) Chrysene	13.910	228	859472	45.70	ng		100
84) Bis(2-ethylhexyl)phtha...	13.851	149	610441	50.90	ng		98
85) Di-n-octyl phthalate	14.462	149	974342	50.22	ng		99
87) Indeno(1,2,3-cd)pyrene	16.733	276	756510	47.09	ng		98
88) Benzo(b)fluoranthene	14.904	252	827194	49.45	ng		99
89) Benzo(k)fluoranthene	14.933	252	680585	42.83	ng		99
90) Benzo(a)pyrene	15.257	252	665769	46.08	ng		99
91) Dibenzo(a,h)anthracene	16.727	278	623008	47.09	ng		98
92) Benzo(g,h,i)perylene	17.151	276	636996	48.11	ng		97

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

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