Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120720\
Data File : BF122569.D
Acq On : 7 Dec 2020 12:39
Operator : JU/CG
Sample : PB133408BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 07 13:12:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 07 12:08:49 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB133408BS

Manual Integrations APPROVED
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12/8/2020 2:05:59 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	192336	20.00	ng	0.00
21) Naphthalene-d8	8.128	136	747198	20.00	ng	0.00
39) Acenaphthene-d10	9.881	164	391785	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	710241	20.00	ng	0.00
76) Chrysene-d12	14.010	240	539575	20.00	ng	0.00
86) Perylene-d12	15.468	264	507721	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	1308174	107.68	ng	0.01
7) Phenol-d6	6.481	99	1647790	102.27	ng	0.00
23) Nitrobenzene-d5	7.404	82	1056910	70.87	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	528028	102.96	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1932204	66.71	ng	0.00
79) Terphenyl-d14	12.951	244	2001934	64.94	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.669	88	194776	34.11	ng	100
3) Pyridine	3.416	79	566407	37.53	ng	99
4) n-Nitrosodimethylamine	3.363	42	258064	42.64	ng	98
6) Aniline	6.504	93	608978	32.11	ng	99
8) 2-Chlorophenol	6.628	128	572777	42.77	ng	99
9) Benzaldehyde	6.393	77	324293	33.25	ng	99
10) Phenol	6.493	94	673557	40.34	ng	97
11) bis(2-Chloroethyl)ether	6.581	93	548696	43.02	ng	98
12) 1,3-Dichlorobenzene	6.781	146	618459	39.03	ng	97
13) 1,4-Dichlorobenzene	6.857	146	626589	39.22	ng	97
14) 1,2-Dichlorobenzene	7.010	146	608504	39.46	ng	99
15) Benzyl Alcohol	6.987	79	484317	43.65	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.116	45	719196	39.54	ng	99
17) 2-Methylphenol	7.098	107	454451	42.69	ng	99
18) Hexachloroethane	7.357	117	225367	39.58	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	377584	40.91	ng	97
20) 3+4-Methylphenols	7.251	107	536035	39.86	ng	97
22) Acetophenone	7.251	105	718867	38.69	ng	94
24) Nitrobenzene	7.422	77	594726	40.09	ng	97
25) Isophorone	7.669	82	1062101	41.35	ng	99
26) 2-Nitrophenol	7.739	139	305132	42.17	ng	97
27) 2,4-Dimethylphenol	7.781	122	493892	46.57	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	667306	37.94	ng	99
29) 2,4-Dichlorophenol	7.987	162	490981	39.64	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	527759	37.61	ng	98
31) Naphthalene	8.151	128	1615394	39.18	ng	100
32) Benzoic acid	7.910	122	357667	42.33	ng	94
33) 4-Chloroaniline	8.192	127	360064	20.89	ng	98
34) Hexachlorobutadiene	8.269	225	317050	36.71	ng	98
35) Caprolactam	8.569	113	148817m	39.89	ng	
36) 4-Chloro-3-methylphenol	8.681	107	499970	40.98	ng	97
37) 2-Methylnaphthalene	8.839	142	1084345	39.76	ng	99
38) 1-Methylnaphthalene	8.939	142	1002873	38.87	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	504052	38.84	ng	99
41) Hexachlorocyclopentadiene	8.992	237	568005	99.00	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	352657	39.35	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.157	196	377716	40.77	ng	99
46) 1,1'-Biphenyl	9.304	154	1293857	39.79	ng	99
47) 2-Chloronaphthalene	9.328	162	1030906	38.27	ng	99
48) 2-Nitroaniline	9.422	65	297458	37.87	ng	90
49) Acenaphthylene	9.745	152	1588503	39.92	ng	100
50) Dimethylphthalate	9.610	163	1210726	38.69	ng	100
51) 2,6-Dinitrotoluene	9.663	165	277696	42.02	ng	89
52) Acenaphthene	9.916	154	1100824m	42.76	ng	
53) 3-Nitroaniline	9.833	138	175747	23.02	ng	97
54) 2,4-Dinitrophenol	9.945	184	286735	88.75	ng	93
55) Dibenzofuran	10.086	168	1436121	39.66	ng	100
56) 4-Nitrophenol	10.004	139	444568	81.65	ng	93
57) 2,4-Dinitrotoluene	10.069	165	363823	41.33	ng	97
58) Fluorene	10.433	166	1084180	37.64	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.204	232	323690	39.77	ng	99
60) Diethylphthalate	10.304	149	1173159	38.55	ng	100
61) 4-Chlorophenyl-phenyle...	10.422	204	533387	37.61	ng	98
62) 4-Nitroaniline	10.451	138	266073	34.33	ng	95
63) Azobenzene	10.581	77	1110275	39.69	ng	100
65) 4,6-Dinitro-2-methylph...	10.480	198	196055	45.27	ng	96
66) n-Nitrosodiphenylamine	10.539	169	1001457	39.91	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	367020	38.13	ng	98
68) Hexachlorobenzene	10.980	284	399330	37.53	ng	97
69) Atrazine	11.069	200	284290	34.88	ng	99
70) Pentachlorophenol	11.175	266	459010	81.43	ng	100
71) Phenanthrene	11.392	178	1632500	38.68	ng	100
72) Anthracene	11.445	178	1673049	39.97	ng	100
73) Carbazole	11.598	167	1488736	39.22	ng	99
74) Di-n-butylphthalate	11.927	149	1747319	36.63	ng	100
75) Fluoranthene	12.580	202	1678008	37.91	ng	100
77) Benzidine	12.698	184	586547	50.26	ng	99
78) Pyrene	12.810	202	1673072	40.10	ng	100
80) Butylbenzylphthalate	13.427	149	710076	37.79	ng	98
81) Benzo(a)anthracene	13.998	228	1417952	39.32	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	392889	30.42	ng	98
83) Chrysene	14.033	228	1439193	40.10	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	926376	36.00	ng	100
85) Di-n-octyl phthalate	14.598	149	1586938	37.18	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	1417304	42.53	ng	99
88) Benzo(b)fluoranthene	15.045	252	1534250	43.07	ng	99
89) Benzo(k)fluoranthene	15.074	252	1253726	38.49	ng	99
90) Benzo(a)pyrene	15.410	252	1255301	40.28	ng	100
91) Dibenzo(a,h)anthracene	16.945	278	1158289	42.46	ng	99
92) Benzo(g,h,i)perylene	17.368	276	1167581	44.23	ng	98

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

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