Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122742.D
Acq On : 16 Dec 2020 10:50
Operator : JU/CG
Sample : PB133618BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133618BS

Manual Integrations APPROVED
mohammad
12/17/2020 11:38:06 AM

Quant Time: Dec 16 11:50:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	179015	20.00	ng	0.00
21) Naphthalene-d8	8.104	136	691182	20.00	ng	0.00
39) Acenaphthene-d10	9.857	164	385678	20.00	ng	0.00
64) Phenanthrene-d10	11.345	188	744683	20.00	ng	0.00
76) Chrysene-d12	13.992	240	669088	20.00	ng	0.00
86) Perylene-d12	15.439	264	620913	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	1290437	114.12	ng	0.02
7) Phenol-d6	6.457	99	1649997	110.03	ng	0.00
23) Nitrobenzene-d5	7.387	82	936939	67.92	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	590312	116.93	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1867264	65.49	ng	0.00
79) Terphenyl-d14	12.933	244	2243380	58.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.663	88	217310	40.89	ng	97
3) Pyridine	3.393	79	588874	41.92	ng	99
4) n-Nitrosodimethylamine	3.357	42	242806	43.10	ng	96
6) Aniline	6.487	93	562906	31.89	ng	97
8) 2-Chlorophenol	6.610	128	545919	43.80	ng	95
9) Benzaldehyde	6.363	77	53734	5.92	ng	100
10) Phenol	6.469	94	658717	42.39	ng	98
11) bis(2-Chloroethyl)ether	6.557	93	524754	44.20	ng	99
12) 1,3-Dichlorobenzene	6.757	146	606253	41.11	ng	98
13) 1,4-Dichlorobenzene	6.834	146	613597	41.26	ng	98
14) 1,2-Dichlorobenzene	6.987	146	569943	39.71	ng	98
15) Benzyl Alcohol	6.963	79	439887	42.60	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.092	45	673551	39.79	ng	97
17) 2-Methylphenol	7.075	107	467513	47.19	ng	99
18) Hexachloroethane	7.328	117	220652	41.64	ng	98
19) n-Nitroso-di-n-propyla...	7.239	70	364439	42.43	ng	97
20) 3+4-Methylphenols	7.228	107	528976	42.26	ng	96
22) Acetophenone	7.228	105	710643	41.35	ng	95
24) Nitrobenzene	7.404	77	580137	42.27	ng	97
25) Isophorone	7.645	82	1068456	44.97	ng	100
26) 2-Nitrophenol	7.716	139	312629	46.71	ng	97
27) 2,4-Dimethylphenol	7.757	122	508182	51.80	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	682284	41.93	ng	100
29) 2,4-Dichlorophenol	7.963	162	496989	43.38	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	526945	40.59	ng	98
31) Naphthalene	8.128	128	1621130	42.50	ng	100
32) Benzoic acid	7.904	122	352308	45.07	ng	94
33) 4-Chloroaniline	8.175	127	434601	27.26	ng	99
34) Hexachlorobutadiene	8.239	225	310616	38.88	ng	99
35) Caprolactam	8.557	113	157633m	45.68	ng	
36) 4-Chloro-3-methylphenol	8.663	107	522236	46.28	ng	98
37) 2-Methylnaphthalene	8.816	142	1101422	43.66	ng	99
38) 1-Methylnaphthalene	8.916	142	1022779	42.85	ng	99
40) 1,2,4,5-Tetrachloroben...	8.986	216	515733	40.37	ng	99
41) Hexachlorocyclopentadiene	8.969	237	462001	81.80	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	358715	40.66	ng	97

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122742.D
Acq On : 16 Dec 2020 10:50
Operator : JU/CG
Sample : PB133618BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133618BS

Manual Integrations APPROVED
mohammad
12/17/2020 11:38:06 AM

Quant Time: Dec 16 11:50:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	381911	41.88	ng	98
46) 1,1'-Biphenyl	9.281	154	1328726	41.51	ng	99
47) 2-Chloronaphthalene	9.304	162	1051695	39.66	ng	99
48) 2-Nitroaniline	9.404	65	309575	40.04	ng	96
49) Acenaphthylene	9.722	152	1624308	41.47	ng	100
50) Dimethylphthalate	9.586	163	1303744	42.33	ng	99
51) 2,6-Dinitrotoluene	9.645	165	298943	45.95	ng	94
52) Acenaphthene	9.892	154	1165380m	45.98	ng	
53) 3-Nitroaniline	9.816	138	214204	28.50	ng	98
54) 2,4-Dinitrophenol	9.928	184	327480	102.96	ng	94
55) Dibenzofuran	10.069	168	1479541	41.50	ng	98
56) 4-Nitrophenol	9.986	139	464592	86.68	ng	94
57) 2,4-Dinitrotoluene	10.051	165	392944	45.35	ng	96
58) Fluorene	10.410	166	1130547	39.87	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.186	232	355318	44.35	ng	97
60) Diethylphthalate	10.286	149	1267317	42.30	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	553738	39.66	ng	99
62) 4-Nitroaniline	10.433	138	307534	40.31	ng	97
63) Azobenzene	10.563	77	1159931	42.12	ng	95
65) 4,6-Dinitro-2-methylph...	10.463	198	232210	51.14	ng	98
66) n-Nitrosodiphenylamine	10.522	169	1065674	40.50	ng	100
67) 4-Bromophenyl-phenylether	10.886	248	400162	39.66	ng	98
68) Hexachlorobenzene	10.957	284	441869	39.61	ng	99
69) Atrazine	11.051	200	311839	36.49	ng	99
70) Pentachlorophenol	11.157	266	494824	83.72	ng	99
71) Phenanthrene	11.375	178	1766869	39.92	ng	99
72) Anthracene	11.422	178	1798762	40.99	ng	100
73) Carbazole	11.575	167	1666814	41.88	ng	100
74) Di-n-butylphthalate	11.904	149	1959454	39.18	ng	100
75) Fluoranthene	12.563	202	1925303	41.48	ng	98
77) Benzidine	12.680	184	727124	50.24	ng	98
78) Pyrene	12.792	202	1944367	37.59	ng	99
80) Butylbenzylphthalate	13.404	149	895843	38.45	ng	98
81) Benzo(a)anthracene	13.980	228	1808374	40.44	ng	98
82) 3,3'-Dichlorobenzidine	13.939	252	551081	34.41	ng	99
83) Chrysene	14.016	228	1805613	40.58	ng	99
84) Bis(2-ethylhexyl)phtha...	13.963	149	1188640	37.25	ng	99
85) Di-n-octyl phthalate	14.574	149	2123926	40.13	ng	99
87) Indeno(1,2,3-cd)pyrene	16.892	276	1930355	47.36	ng	99
88) Benzo(b)fluoranthene	15.027	252	2116910	48.59	ng	99
89) Benzo(k)fluoranthene	15.057	252	1753213	44.01	ng	98
90) Benzo(a)pyrene	15.386	252	1753573	46.01	ng	99
91) Dibenzo(a,h)anthracene	16.915	278	1595608	47.83	ng	99
92) Benzo(g,h,i)perylene	17.333	276	1615120	50.03	ng	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121620\
Data File : BF122742.D
Acq On : 16 Dec 2020 10:50
Operator : JU/CG
Sample : PB133618BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 16 11:50:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 18:14:23 2020
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB133618BS

Manual Integrations APPROVED
mohammad
12/17/2020 11:38:06 AM