Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121020\
Data File : BF122641.D
Acq On : 10 Dec 2020 11:19
Operator : JU/CG
Sample : PB133503BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB133503BS

Manual Integrations APPROVED
mohammad
12/11/2020 1:21:12 PM

Quant Time: Dec 10 12:01:07 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.839	152	199730	20.00	ng		0.00
21) Naphthalene-d8	8.127	136	804625	20.00	ng		0.00
39) Acenaphthene-d10	9.880	164	439481	20.00	ng		0.00
64) Phenanthrene-d10	11.368	188	802016	20.00	ng		0.00
76) Chrysene-d12	14.009	240	643410	20.00	ng		0.00
86) Perylene-d12	15.468	264	594411	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.475	112	1248984	99.00	ng		0.02
7) Phenol-d6	6.481	99	1611459	96.31	ng		0.00
23) Nitrobenzene-d5	7.410	82	1022506	63.67	ng		0.00
42) 2,4,6-Tribromophenol	10.674	330	551049	95.79	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1873757	57.67	ng		0.00
79) Terphenyl-d14	12.951	244	2077647	56.52	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.704	88	180375	30.42	ng		99
3) Pyridine	3.440	79	522888	33.36	ng		98
4) n-Nitrosodimethylamine	3.398	42	230820	36.72	ng		97
6) Aniline	6.504	93	566190	28.75	ng		99
8) 2-Chlorophenol	6.628	128	558071	40.13	ng		97
9) Benzaldehyde	6.386	77	248816	24.57	ng		97
10) Phenol	6.492	94	650898	37.54	ng		98
11) bis(2-Chloroethyl)ether	6.575	93	516032	38.96	ng		98
12) 1,3-Dichlorobenzene	6.781	146	588577	35.77	ng		98
13) 1,4-Dichlorobenzene	6.857	146	590121	35.57	ng		99
14) 1,2-Dichlorobenzene	7.010	146	575960	35.96	ng		99
15) Benzyl Alcohol	6.986	79	451257	39.17	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	661577	35.03	ng		98
17) 2-Methylphenol	7.098	107	458746	41.50	ng		99
18) Hexachloroethane	7.351	117	210022	35.52	ng		96
19) n-Nitroso-di-n-propyla...	7.263	70	368121	38.41	ng		97
20) 3+4-Methylphenols	7.251	107	527319	37.76	ng		97
22) Acetophenone	7.251	105	696880	34.83	ng	#	94
24) Nitrobenzene	7.428	77	564741	35.35	ng		96
25) Isophorone	7.669	82	1022295	36.96	ng		98
26) 2-Nitrophenol	7.739	139	299571	38.45	ng		97
27) 2,4-Dimethylphenol	7.780	122	489461	42.86	ng		99
28) bis(2-Chloroethoxy)met...	7.875	93	650907	34.36	ng		99
29) 2,4-Dichlorophenol	7.986	162	478636	35.89	ng		98
30) 1,2,4-Trichlorobenzene	8.069	180	506002	33.49	ng		99
31) Naphthalene	8.151	128	1557849	35.09	ng		100
32) Benzoic acid	7.922	122	315961	34.72	ng		96
33) 4-Chloroaniline	8.192	127	301160	16.22	ng		99
34) Hexachlorobutadiene	8.263	225	298061	32.05	ng		99
35) Caprolactam	8.575	113	154257m	38.40	ng		
36) 4-Chloro-3-methylphenol	8.686	107	501912	38.20	ng		98
37) 2-Methylnaphthalene	8.839	142	1044095	35.55	ng		100
38) 1-Methylnaphthalene	8.939	142	978317	35.21	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	484223	33.26	ng		99
41) Hexachlorocyclopentadiene	8.992	237	526156	81.75	ng		97
43) 2,4,6-Trichlorophenol	9.122	196	350618	34.88	ng		97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	371844	35.78	ng		97
46) 1,1'-Biphenyl	9.304	154	1248155	34.22	ng		100
47) 2-Chloronaphthalene	9.327	162	1002714	33.18	ng		100
48) 2-Nitroaniline	9.427	65	297751	33.80	ng		99
49) Acenaphthylene	9.745	152	1556997	34.88	ng		99
50) Dimethylphthalate	9.610	163	1228666	35.01	ng		100
51) 2,6-Dinitrotoluene	9.669	165	277505	37.44	ng		98
52) Acenaphthene	9.916	154	1088845m	37.70	ng		
53) 3-Nitroaniline	9.833	138	167308	19.53	ng		94
54) 2,4-Dinitrophenol	9.951	184	293851	81.08	ng	#	88
55) Dibenzofuran	10.092	168	1409988	34.71	ng		98
56) 4-Nitrophenol	10.010	139	429428	70.31	ng		99
57) 2,4-Dinitrotoluene	10.074	165	373657	37.84	ng		97
58) Fluorene	10.433	166	1084628	33.57	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	323392	35.42	ng		100
60) Diethylphthalate	10.304	149	1178415	34.52	ng		99
61) 4-Chlorophenyl-phenyle...	10.421	204	530177	33.33	ng		98
62) 4-Nitroaniline	10.457	138	275633	31.70	ng		93
63) Azobenzene	10.580	77	1099106	35.03	ng		99
65) 4,6-Dinitro-2-methylph...	10.486	198	202213	41.35	ng		94
66) n-Nitrosodiphenylamine	10.545	169	1015637	35.84	ng		99
67) 4-Bromophenyl-phenylether	10.910	248	369466	34.00	ng		98
68) Hexachlorobenzene	10.980	284	407584	33.92	ng		99
69) Atrazine	11.068	200	297413	32.32	ng		99
70) Pentachlorophenol	11.174	266	460725	72.38	ng		98
71) Phenanthrene	11.392	178	1641268	34.43	ng		99
72) Anthracene	11.445	178	1702209	36.01	ng		100
73) Carbazole	11.598	167	1530727	35.71	ng		100
74) Di-n-butylphthalate	11.927	149	1786180	33.16	ng		100
75) Fluoranthene	12.580	202	1748778	34.99	ng		99
77) Benzidine	12.698	184	584223	41.98	ng		99
78) Pyrene	12.810	202	1766792	35.52	ng		100
80) Butylbenzylphthalate	13.427	149	766710	34.22	ng		97
81) Benzo(a)anthracene	13.998	228	1522989	35.42	ng		99
82) 3,3'-Dichlorobenzidine	13.957	252	384350	24.96	ng	#	97
83) Chrysene	14.039	228	1521485	35.56	ng		99
84) Bis(2-ethylhexyl)phtha...	13.986	149	1021444	33.29	ng		98
85) Di-n-octyl phthalate	14.598	149	1709531	33.59	ng		99
87) Indeno(1,2,3-cd)pyrene	16.933	276	1348224	34.55	ng		99
88) Benzo(b)fluoranthene	15.045	252	1560567	37.42	ng		99
89) Benzo(k)fluoranthene	15.080	252	1344470	35.26	ng		98
90) Benzo(a)pyrene	15.409	252	1284579	35.21	ng		99
91) Dibenzo(a,h)anthracene	16.945	278	1112943	34.85	ng		100
92) Benzo(g,h,i)perylene	17.368	276	1111061	35.95	ng		99

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

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