Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101220\
Data File : BF121923.D
Acq On : 12 Oct 2020 17:40
Operator : JU/CG
Sample : PB132280BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB132280BS

Manual Integrations APPROVED
mohammad
10/13/2020 11:08:16 AM

Quant Time: Oct 12 18:08:05 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 12 16:22:33 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.745	152	130733	20.00	ng		0.00
21) Naphthalene-d8	8.034	136	517435	20.00	ng		0.00
39) Acenaphthene-d10	9.786	164	280184	20.00	ng		0.00
64) Phenanthrene-d10	11.275	188	541077	20.00	ng		0.00
76) Chrysene-d12	13.922	240	458283	20.00	ng		0.00
86) Perylene-d12	15.357	264	398457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	917731	103.61	ng		0.01
7) Phenol-d6	6.398	99	1157133	101.48	ng		0.00
23) Nitrobenzene-d5	7.322	82	768534	76.17	ng		0.00
42) 2,4,6-Tribromophenol	10.586	330	390038	112.54	ng		0.00
45) 2-Fluorobiphenyl	9.110	172	1350985	70.94	ng		0.00
79) Terphenyl-d14	12.863	244	1782727	74.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.481	88	220521	56.60	ng		98
3) Pyridine	3.210	79	373912	36.50	ng		99
4) n-Nitrosodimethylamine	3.163	42	193279	39.04	ng		99
6) Aniline	6.416	93	441510	31.44	ng	#	62
8) 2-Chlorophenol	6.540	128	368621	41.17	ng		94
9) Benzaldehyde	6.298	77	127320	16.41	ng		98
10) Phenol	6.410	94	447313	38.01	ng		86
11) bis(2-Chloroethyl)ether	6.487	93	361405	39.73	ng		98
12) 1,3-Dichlorobenzene	6.687	146	383691	38.10	ng		99
13) 1,4-Dichlorobenzene	6.763	146	386987	38.27	ng		100
14) 1,2-Dichlorobenzene	6.916	146	353879	38.29	ng		97
15) Benzyl Alcohol	6.898	79	286721	38.88	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.028	45	547344	39.10	ng		88
17) 2-Methylphenol	7.016	107	305445	39.90	ng		95
18) Hexachloroethane	7.257	117	142219	38.94	ng		97
19) n-Nitroso-di-n-propyla...	7.169	70	256689	39.54	ng		99
20) 3+4-Methylphenols	7.169	107	367354	39.80	ng	#	89
22) Acetophenone	7.163	105	480694	36.11	ng		95
24) Nitrobenzene	7.340	77	401219	37.20	ng		97
25) Isophorone	7.581	82	737371	38.65	ng		99
26) 2-Nitrophenol	7.651	139	195345	39.33	ng		94
27) 2,4-Dimethylphenol	7.698	122	308297	36.42	ng		99
28) bis(2-Chloroethoxy)met...	7.787	93	455469	38.16	ng		99
29) 2,4-Dichlorophenol	7.898	162	305755	38.57	ng		99
30) 1,2,4-Trichlorobenzene	7.975	180	312983	37.13	ng		99
31) Naphthalene	8.057	128	1021011	36.83	ng		99
32) Benzoic acid	7.857	122	177457	38.49	ng		99
33) 4-Chloroaniline	8.110	127	365232	30.93	ng		99
34) Hexachlorobutadiene	8.169	225	187732	37.56	ng		99
35) Caprolactam	8.492	113	103426m	41.08	ng		
36) 4-Chloro-3-methylphenol	8.604	107	339016	39.81	ng		99
37) 2-Methylnaphthalene	8.745	142	683503	38.07	ng		99
38) 1-Methylnaphthalene	8.845	142	639221	38.45	ng		99
40) 1,2,4,5-Tetrachloroben...	8.916	216	316246	34.97	ng		100
41) Hexachlorocyclopentadiene	8.898	237	218677	76.39	ng		99
43) 2,4,6-Trichlorophenol	9.034	196	209838	37.61	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.081	196	226780	37.64	ng		99
46) 1,1'-Biphenyl	9.210	154	809762	35.54	ng		99
47) 2-Chloronaphthalene	9.239	162	647817	36.57	ng		98
48) 2-Nitroaniline	9.339	65	231669	39.64	ng		99
49) Acenaphthylene	9.651	152	986451	36.25	ng		100
50) Dimethylphthalate	9.516	163	798770	38.99	ng		100
51) 2,6-Dinitrotoluene	9.581	165	179600	39.96	ng		99
52) Acenaphthene	9.822	154	595423	36.79	ng		98
53) 3-Nitroaniline	9.751	138	160474	31.40	ng		97
54) 2,4-Dinitrophenol	9.869	184	168275	74.09	ng	#	87
55) Dibenzofuran	9.998	168	862296	36.43	ng		100
56) 4-Nitrophenol	9.934	139	226997	81.64	ng		84
57) 2,4-Dinitrotoluene	9.992	165	221140	39.97	ng	#	90
58) Fluorene	10.339	166	703133	36.87	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.122	232	199134	42.71	ng		97
60) Diethylphthalate	10.216	149	777160	39.34	ng		99
61) 4-Chlorophenyl-phenyle...	10.328	204	346418	37.88	ng		96
62) 4-Nitroaniline	10.375	138	202498	39.65	ng		98
63) Azobenzene	10.492	77	811339	38.83	ng		97
65) 4,6-Dinitro-2-methylph...	10.404	198	137191	38.78	ng		94
66) n-Nitrosodiphenylamine	10.451	169	682194	36.60	ng		98
67) 4-Bromophenyl-phenylether	10.816	248	237402	37.98	ng		96
68) Hexachlorobenzene	10.886	284	266484	37.66	ng		98
69) Atrazine	10.980	200	205214	45.03	ng		100
70) Pentachlorophenol	11.086	266	205267	74.40	ng		98
71) Phenanthrene	11.298	178	1089608	36.73	ng		99
72) Anthracene	11.351	178	1118674	36.36	ng		99
73) Carbazole	11.510	167	1028885	37.61	ng		100
74) Di-n-butylphthalate	11.833	149	1257462	39.95	ng		99
75) Fluoranthene	12.492	202	1226131	38.54	ng		97
77) Benzidine	12.610	184	572369	40.51	ng		100
78) Pyrene	12.716	202	1233710	35.33	ng		100
80) Butylbenzylphthalate	13.333	149	555672	40.12	ng		98
81) Benzo(a)anthracene	13.910	228	1126121	37.50	ng		99
82) 3,3'-Dichlorobenzidine	13.869	252	353688	31.75	ng		98
83) Chrysene	13.945	228	1101304	37.36	ng		99
84) Bis(2-ethylhexyl)phtha...	13.892	149	755988	40.21	ng		99
85) Di-n-octyl phthalate	14.504	149	1316074	43.27	ng		100
87) Indeno(1,2,3-cd)pyrene	16.786	276	1047708	40.50	ng		99
88) Benzo(b)fluoranthene	14.945	252	1089543	40.45	ng		99
89) Benzo(k)fluoranthene	14.974	252	1044866	40.84	ng		99
90) Benzo(a)pyrene	15.298	252	956661	41.12	ng		99
91) Dibenzo(a,h)anthracene	16.792	278	860621	40.40	ng		99
92) Benzo(g,h,i)perylene	17.204	276	838678	39.34	ng		99

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

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