Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF042220\
Data File : BF120126.D
Acq On : 22 Apr 2020 12:59
Operator : MA/SJ
Sample : PB128358BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB128358BS

Manual Integrations APPROVED
mohammad
4/24/2020 4:17:53 AM

Quant Time: Apr 22 13:34:10 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040820.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 11:49:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	130421	20.00	ng		0.00
21) Naphthalene-d8	7.96	136	488311	20.00	ng		0.00
39) Acenaphthene-d10	9.72	164	252617	20.00	ng		0.00
64) Phenanthrene-d10	11.20	188	486648	20.00	ng		0.00
76) Chrysene-d12	13.85	240	355032	20.00	ng		0.00
87) Perylene-d12	15.26	264	296892	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	1082140	143.39	ng		0.01
7) Phenol-d6	6.33	99	1383841	142.31	ng		0.00
23) Nitrobenzene-d5	7.25	82	851577	90.22	ng		0.00
42) 2,4,6-Tribromophenol	10.52	330	355027	114.79	ng		0.00
45) 2-Fluorobiphenyl	9.05	172	1646757	92.55	ng		0.00
79) Terphenyl-d14	12.80	244	1774941	84.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.35	88	138245	41.13	ng		98
3) Pyridine	3.03	79	375414	40.71	ng		95
4) n-Nitrosodimethylamine	2.99	42	229844	48.78	ng		95
6) Aniline	6.34	93	540361	42.34	ng	#	20
8) 2-Chlorophenol	6.46	128	450901	53.47	ng		98
9) Benzaldehyde	6.22	77	182449	32.08	ng		96
10) Phenol	6.34	94	559855	50.75	ng	#	71
11) bis(2-Chloroethyl)ether	6.42	93	428731	50.33	ng		97
12) 1,3-Dichlorobenzene	6.62	146	453631	49.14	ng		96
13) 1,4-Dichlorobenzene	6.70	146	458433	48.75	ng		99
14) 1,2-Dichlorobenzene	6.85	146	429763	49.59	ng		98
15) Benzyl Alcohol	6.83	79	366057	48.47	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.96	45	729642	44.02	ng		98
17) 2-Methylphenol	6.95	107	353926	47.03	ng		96
18) Hexachloroethane	7.19	117	171023	48.66	ng		93
19) n-Nitroso-di-n-propylamine	7.10	70	304404	48.68	ng		99
20) 3+4-Methylphenols	7.10	107	453049	49.23	ng		92
22) Acetophenone	7.10	105	596757	52.19	ng	#	90
24) Nitrobenzene	7.27	77	462668	48.73	ng		98
25) Isophorone	7.51	82	834513	45.86	ng		98
26) 2-Nitrophenol	7.58	139	238545	50.29	ng		99
27) 2,4-Dimethylphenol	7.63	122	369236	51.61	ng		97
28) bis(2-Chloroethoxy)methane	7.72	93	526164	49.14	ng		99
29) 2,4-Dichlorophenol	7.83	162	359235	48.98	ng		97
30) 1,2,4-Trichlorobenzene	7.91	180	394120	47.43	ng		99
31) Naphthalene	7.99	128	1261870	49.12	ng		99
32) Benzoic acid	7.77	122	276589	44.02	ng		94
33) 4-Chloroaniline	8.04	127	383184	34.26	ng		99
34) Hexachlorobutadiene	8.10	225	226864	45.61	ng		98
35) Caprolactam	8.42	113	113099m	50.42	ng		
36) 4-Chloro-3-methylphenol	8.53	107	388023	48.87	ng		98
37) 2-Methylnaphthalene	8.68	142	846740	48.61	ng		99
38) 1-Methylnaphthalene	8.78	142	800202	48.74	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	379314	47.54	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.83	237	377697	83.25	ng	99
43) 2,4,6-Trichlorophenol	8.96	196	259945	47.18	ng	100
44) 2,4,5-Trichlorophenol	9.00	196	274260	44.20	ng	98
46) 1,1'-Biphenyl	9.15	154	1016141	47.66	ng	99
47) 2-Chloronaphthalene	9.17	162	792894	48.27	ng	99
48) 2-Nitroaniline	9.27	65	276187	46.40	ng	97
49) Acenaphthylene	9.59	152	1242028	49.72	ng	98
50) Dimethylphthalate	9.46	163	897859	45.95	ng	99
51) 2,6-Dinitrotoluene	9.52	165	206204	48.19	ng	99
52) Acenaphthene	9.76	154	735168	44.12	ng	98
53) 3-Nitroaniline	9.68	138	171791	35.15	ng	97
54) 2,4-Dinitrophenol	9.79	184	230059	89.81	ng	89
55) Dibenzofuran	9.93	168	1108404	48.47	ng	99
56) 4-Nitrophenol	9.86	139	334215	91.92	ng	88
57) 2,4-Dinitrotoluene	9.92	165	265615	47.12	ng	97
58) Fluorene	10.27	166	866776	47.40	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	230482	48.56	ng	99
60) Diethylphthalate	10.16	149	916817	45.27	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	409355	43.67	ng	96
62) 4-Nitroaniline	10.30	138	229047	49.18	ng	92
63) Azobenzene	10.43	77	880944	48.54	ng	98
65) 4,6-Dinitro-2-methylphenol	10.33	198	156464	48.80	ng	92
66) n-Nitrosodiphenylamine	10.39	169	784602	48.48	ng	99
67) 4-Bromophenyl-phenylether	10.76	248	249008	41.14	ng	93
68) Hexachlorobenzene	10.82	284	274529	44.72	ng	93
69) Atrazine	10.92	200	229711	51.01	ng	99
70) Pentachlorophenol	11.02	266	275824	77.96	ng	98
71) Phenanthrene	11.23	178	1229871	47.49	ng	99
72) Anthracene	11.29	178	1286682	48.63	ng	97
73) Carbazole	11.45	167	1173255	46.89	ng	98
74) Di-n-butylphthalate	11.78	149	1440619	43.80	ng	99
75) Fluoranthene	12.42	202	1349996	48.31	ng	97
77) Benzidine	12.55	184	431065	35.92	ng	97
78) Pyrene	12.65	202	1374466	45.92	ng	97
80) Butylbenzylphthalate	13.27	149	612029	42.14	ng	96
81) Benzo(a)anthracene	13.84	228	1104217	47.28	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	321060	36.84	ng	100
83) Chrysene	13.88	228	1131477	47.68	ng	97
84) Bis(2-ethylhexyl)phthalate	13.84	149	788565	40.10	ng	100
85) Di-n-octyl phthalate	14.45	149	1346623	40.21	ng	98
86) Indeno(1,2,3-cd)pyrene	16.62	276	888685	42.48	ng	100
88) Benzo(b)fluoranthene	14.86	252	1030047	48.23	ng	100
89) Benzo(k)fluoranthene	14.89	252	927598	50.34	ng	99
90) Benzo(a)pyrene	15.20	252	848064	47.23	ng	98
91) Dibenzo(a,h)anthracene	16.64	278	738352	46.42	ng	99
92) Benzo(g,h,i)perylene	17.03	276	743842	47.37	ng	97

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

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