Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115592.D
Acq On : 16 Jul 2019 12:40
Operator : HP/JU
Sample : PB121412BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121412BS

Manual Integrations APPROVED
mohammad
7/17/2019 12:05:37 PM

Quant Time: Jul 16 17:00:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 14:03:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	188815	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	760832	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	375974	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	725725	20.00	ng		0.00
76) Chrysene-d12	14.04	240	461011	20.00	ng		0.00
87) Perylene-d12	15.51	264	338685	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1357521	117.60	ng		0.02
7) Phenol-d6	6.52	99	1795757	122.60	ng		0.00
23) Nitrobenzene-d5	7.45	82	972699	74.34	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	477233	108.75	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1796118	83.62	ng		0.00
79) Terphenyl-d14	12.99	244	1866996	74.73	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	209171	36.327	ng		97
3) Pyridine	3.53	79	509886	32.639	ng		99
4) n-Nitrosodimethylamine	3.48	42	228786	40.369	ng		98
6) Aniline	6.55	93	574639	28.191	ng		98
8) 2-Chlorophenol	6.67	128	563409	42.452	ng		96
9) Benzaldehyde	6.43	77	71869	7.852	ng		99
10) Phenol	6.53	94	705728	41.505	ng		86
11) bis(2-Chloroethyl)ether	6.62	93	538205	41.575	ng		98
12) 1,3-Dichlorobenzene	6.83	146	520880	34.908	ng		99
13) 1,4-Dichlorobenzene	6.90	146	532850	35.791	ng		98
14) 1,2-Dichlorobenzene	7.06	146	495966	36.442	ng		96
15) Benzyl Alcohol	7.02	79	436493	37.566	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	610471	35.819	ng		98
17) 2-Methylphenol	7.13	107	422951	36.980	ng		99
18) Hexachloroethane	7.40	117	187152	33.868	ng		98
19) n-Nitroso-di-n-propylamine	7.30	70	340508	35.645	ng		99
20) 3+4-Methylphenols	7.29	107	497264	36.603	ng		95
22) Acetophenone	7.29	105	671114	39.045	ng	#	94
24) Nitrobenzene	7.46	77	531479	37.659	ng		97
25) Isophorone	7.70	82	995872	38.036	ng		100
26) 2-Nitrophenol	7.78	139	279904	38.532	ng		95
27) 2,4-Dimethylphenol	7.82	122	467522	43.014	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	597790	37.216	ng		99
29) 2,4-Dichlorophenol	8.02	162	438594	38.801	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	475896	37.245	ng		98
31) Naphthalene	8.19	128	1432750	38.883	ng		97
32) Benzoic acid	7.95	122	349824	39.219	ng		99
33) 4-Chloroaniline	8.23	127	335592	20.561	ng		99
34) Hexachlorobutadiene	8.31	225	268189	36.601	ng		98
35) Caprolactam	8.60	113	136998m	39.221	ng		
36) 4-Chloro-3-methylphenol	8.72	107	458611	39.113	ng		99
37) 2-Methylnaphthalene	8.88	142	968435	39.649	ng		97
38) 1-Methylnaphthalene	8.98	142	916803	39.518	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	443441	39.167	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	363947	56.352	ng		100
43) 2,4,6-Trichlorophenol	9.16	196	314983	38.043	ng		98
44) 2,4,5-Trichlorophenol	9.20	196	333074	39.281	ng		99
46) 1,1'-Biphenyl	9.35	154	1189579	40.471	ng		98
47) 2-Chloronaphthalene	9.37	162	951860	38.892	ng		98
48) 2-Nitroaniline	9.46	65	277321	36.609	ng		99
49) Acenaphthylene	9.79	152	1391368	38.367	ng		98
50) Dimethylphthalate	9.65	163	1085704	38.381	ng		99
51) 2,6-Dinitrotoluene	9.70	165	250356	38.945	ng		89
52) Acenaphthene	9.96	154	989602	42.267	ng		98
53) 3-Nitroaniline	9.87	138	182479	24.840	ng		99
54) 2,4-Dinitrophenol	9.98	184	256936	77.848	ng	#	91
55) Dibenzofuran	10.13	168	1264833	38.040	ng		100
56) 4-Nitrophenol	10.03	139	385081	68.742	ng		97
57) 2,4-Dinitrotoluene	10.10	165	335521	40.287	ng		98
58) Fluorene	10.47	166	935678	39.364	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	293272	41.375	ng		97
60) Diethylphthalate	10.35	149	1046328	39.478	ng		99
61) 4-Chlorophenyl-phenylether	10.46	204	481683	36.542	ng		98
62) 4-Nitroaniline	10.49	138	245991	34.910	ng		100
63) Azobenzene	10.62	77	1001745	38.967	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	166230	37.490	ng		98
66) n-Nitrosodiphenylamine	10.58	169	867674	38.436	ng		98
67) 4-Bromophenyl-phenylether	10.95	248	317425	38.275	ng		97
68) Hexachlorobenzene	11.02	284	355424	37.528	ng	#	94
69) Atrazine	11.10	200	262380	35.429	ng		98
70) Pentachlorophenol	11.22	266	413204	71.332	ng		100
71) Phenanthrene	11.43	178	1419333	38.154	ng		98
72) Anthracene	11.49	178	1434533	37.314	ng		100
73) Carbazole	11.63	167	1277715	37.900	ng		99
74) Di-n-butylphthalate	11.96	149	1570379	37.816	ng		99
75) Fluoranthene	12.62	202	1476643	37.564	ng		99
77) Benzidine	12.73	184	295818	18.113	ng		99
78) Pyrene	12.84	202	1451467	37.161	ng		98
80) Butylbenzylphthalate	13.46	149	671212	40.312	ng		97
81) Benzo(a)anthracene	14.03	228	1136681	37.426	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	342161	31.691	ng		100
83) Chrysene	14.07	228	1189446	39.013	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	836636	40.565	ng		99
85) Di-n-octyl phthalate	14.63	149	1343592	40.944	ng		98
86) Indeno(1,2,3-cd)pyrene	16.99	276	927517	35.808	ng		99
88) Benzo(b)fluoranthene	15.08	252	1069696	49.049	ng		100
89) Benzo(k)fluoranthene	15.12	252	956946	49.217	ng		96
90) Benzo(a)pyrene	15.45	252	923470	49.267	ng		99
91) Dibenzo(a,h)anthracene	17.00	278	789916	48.003	ng		98
92) Benzo(g,h,i)perylene	17.43	276	763379	46.515	ng		98

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

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