Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071819\
Data File : BF115642.D
Acq On : 18 Jul 2019 9:03
Operator : HP/JU
Sample : PB121459BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121459BS

Manual Integrations APPROVED
mohammad
7/19/2019 3:58:14 PM

Quant Time: Jul 18 17:02:18 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	6.89	152	192464	20.00	ng		0.00
21) Naphthalene-d8	8.17	136	799506	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	425425	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	788719	20.00	ng		0.00
76) Chrysene-d12	14.04	240	451661	20.00	ng		0.00
87) Perylene-d12	15.50	264	340993	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	1207876	102.65	ng		0.02
7) Phenol-d6	6.52	99	1615356	108.19	ng		0.00
23) Nitrobenzene-d5	7.45	82	989422	71.96	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	485657	97.80	ng		0.00
45) 2-Fluorobiphenyl	9.25	172	1826326	75.14	ng		0.00
79) Terphenyl-d14	12.99	244	1912666	78.14	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	174766	29.776	ng		98
3) Pyridine	3.54	79	442661	27.798	ng		99
4) n-Nitrosodimethylamine	3.48	42	199191	34.481	ng		98
6) Aniline	6.55	93	499492	24.040	ng		98
8) 2-Chlorophenol	6.67	128	501656	37.083	ng		100
9) Benzaldehyde	6.43	77	46749	5.011	ng		98
10) Phenol	6.53	94	622717	35.929	ng		87
11) bis(2-Chloroethyl)ether	6.62	93	489635	37.106	ng		99
12) 1,3-Dichlorobenzene	6.83	146	500990	32.938	ng		99
13) 1,4-Dichlorobenzene	6.90	146	492105	32.427	ng		97
14) 1,2-Dichlorobenzene	7.06	146	486377	35.060	ng		98
15) Benzyl Alcohol	7.03	79	446643	37.711	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	636418	36.633	ng		98
17) 2-Methylphenol	7.14	107	440998	37.827	ng		99
18) Hexachloroethane	7.40	117	189499	33.642	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	352477	36.199	ng		96
20) 3+4-Methylphenols	7.29	107	507085	36.618	ng	#	90
22) Acetophenone	7.29	105	687650	38.072	ng	#	99
24) Nitrobenzene	7.46	77	542284	36.566	ng		95
25) Isophorone	7.70	82	959236	34.864	ng		99
26) 2-Nitrophenol	7.78	139	284419	37.260	ng		98
27) 2,4-Dimethylphenol	7.82	122	498054	43.607	ng		98
28) bis(2-Chloroethoxy)methane	7.91	93	625899	37.081	ng		99
29) 2,4-Dichlorophenol	8.03	162	447206	37.649	ng		97
30) 1,2,4-Trichlorobenzene	8.11	180	472019	35.155	ng		98
31) Naphthalene	8.19	128	1429877	36.928	ng		97
32) Benzoic acid	7.95	122	330743	35.286	ng		99
33) 4-Chloroaniline	8.23	127	420016	24.489	ng		97
34) Hexachlorobutadiene	8.31	225	267145	34.695	ng		100
35) Caprolactam	8.60	113	140144m	38.181	ng		
36) 4-Chloro-3-methylphenol	8.72	107	474638	38.521	ng		99
37) 2-Methylnaphthalene	8.88	142	975139	37.993	ng		97
38) 1-Methylnaphthalene	8.98	142	909376	37.302	ng		97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	459524	35.869	ng		97

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.03	237	347690	47.577 ng	98
43) 2,4,6-Trichlorophenol	9.16	196	313705	33.485 ng	99
44) 2,4,5-Trichlorophenol	9.20	196	338468	35.277 ng	98
46) 1,1'-Biphenyl	9.35	154	1205936	36.259 ng	98
47) 2-Chloronaphthalene	9.37	162	940930	33.977 ng	98
48) 2-Nitroaniline	9.46	65	289466	33.771 ng	99
49) Acenaphthylene	9.79	152	1430200	34.853 ng	98
50) Dimethylphthalate	9.64	163	1120262	35.000 ng	99
51) 2,6-Dinitrotoluene	9.70	165	261193	35.908 ng	96
52) Acenaphthene	9.96	154	1038745	39.209 ng	99
53) 3-Nitroaniline	9.87	138	208206	25.048 ng	100
54) 2,4-Dinitrophenol	9.98	184	270794	72.510 ng	97
55) Dibenzofuran	10.13	168	1313721	34.918 ng	100
56) 4-Nitrophenol	10.03	139	407612	64.306 ng	96
57) 2,4-Dinitrotoluene	10.10	165	347618	36.887 ng	98
58) Fluorene	10.47	166	939463	34.929 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	290479	36.217 ng	99
60) Diethylphthalate	10.34	149	1051136	35.050 ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	501001	33.590 ng	96
62) 4-Nitroaniline	10.49	138	244574	30.674 ng	96
63) Azobenzene	10.62	77	996852	34.269 ng	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	172537	35.805 ng	96
66) n-Nitrosodiphenylamine	10.57	169	847026	34.524 ng	99
67) 4-Bromophenyl-phenylether	10.95	248	316368	35.101 ng	96
68) Hexachlorobenzene	11.02	284	333155	32.367 ng	95
69) Atrazine	11.10	200	250221	31.089 ng	99
70) Pentachlorophenol	11.22	266	387649	61.576 ng	99
71) Phenanthrene	11.43	178	1430365	35.380 ng	98
72) Anthracene	11.48	178	1448588	34.670 ng	99
73) Carbazole	11.63	167	1281061	34.964 ng	99
74) Di-n-butylphthalate	11.96	149	1549653	34.336 ng	100
75) Fluoranthene	12.62	202	1501218	35.139 ng	97
77) Benzidine	12.73	184	285902	17.869 ng	99
78) Pyrene	12.84	202	1515184	39.596 ng	99
80) Butylbenzylphthalate	13.46	149	686833	42.104 ng	100
81) Benzo(a)anthracene	14.03	228	1065846	35.820 ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	325175	30.741 ng	99
83) Chrysene	14.07	228	1083243	36.265 ng	98
84) Bis(2-ethylhexyl)phthalate	14.02	149	818444	40.504 ng	98
85) Di-n-octyl phthalate	14.63	149	1311215	40.784 ng	99
86) Indeno(1,2,3-cd)pyrene	16.98	276	941059	37.083 ng	99
88) Benzo(b)fluoranthene	15.08	252	975108	44.410 ng	99
89) Benzo(k)fluoranthene	15.11	252	954618	48.765 ng	99
90) Benzo(a)pyrene	15.44	252	896168	47.487 ng	99
91) Dibenzo(a,h)anthracene	17.00	278	789326	47.642 ng	99
92) Benzo(g,h,i)perylene	17.43	276	831995	50.353 ng	99

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

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