Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
Data File : BF115583.D
Acq On : 16 Jul 2019 8:12
Operator : HP/JU
Sample : PB121214BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB121214BS

Manual Integrations APPROVED
mohammad
7/17/2019 12:05:22 PM

Quant Time: Jul 16 15:35:27 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	214212	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	744413	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	372584	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	715685	20.00	ng	0.00
76) Chrysene-d12	14.04	240	430556	20.00	ng	0.00
87) Perylene-d12	15.52	264	298677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1562512	119.31	ng	0.02
7) Phenol-d6	6.52	99	2077619	125.03	ng	0.00
23) Nitrobenzene-d5	7.45	82	1129080	88.19	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	549198	126.28	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	2033240	95.52	ng	0.00
79) Terphenyl-d14	12.99	244	2086985	89.44	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.80	88	247465	37.882	ng	99
3) Pyridine	3.55	79	624168	35.217	ng	99
4) n-Nitrosodimethylamine	3.49	42	269099	41.853	ng	99
6) Aniline	6.55	93	608722	26.323	ng	98
8) 2-Chlorophenol	6.67	128	660121	43.842	ng	99
9) Benzaldehyde	6.43	77	55468	5.342	ng	97
10) Phenol	6.53	94	802646	41.609	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	642613	43.754	ng	99
12) 1,3-Dichlorobenzene	6.83	146	672012	39.697	ng	99
13) 1,4-Dichlorobenzene	6.90	146	687952	40.730	ng	96
14) 1,2-Dichlorobenzene	7.06	146	623759	40.399	ng	98
15) Benzyl Alcohol	7.03	79	575869	43.685	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	833335	43.098	ng	97
17) 2-Methylphenol	7.14	107	562362	43.340	ng	99
18) Hexachloroethane	7.40	117	218680	34.881	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	389683	35.957	ng	99
20) 3+4-Methylphenols	7.29	107	562020	36.465	ng	97
22) Acetophenone	7.29	105	772517	45.936	ng	99
24) Nitrobenzene	7.46	77	615537	44.577	ng	96
25) Isophorone	7.70	82	1134057	44.269	ng	99
26) 2-Nitrophenol	7.78	139	325768	45.835	ng	99
27) 2,4-Dimethylphenol	7.82	122	538493	50.637	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	688426	43.804	ng	99
29) 2,4-Dichlorophenol	8.02	162	506471	45.794	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	549853	43.982	ng	99
31) Naphthalene	8.19	128	1620097	44.938	ng	97
32) Benzoic acid	7.96	122	387563	44.408	ng	100
33) 4-Chloroaniline	8.23	127	382254	23.937	ng	98
34) Hexachlorobutadiene	8.31	225	310229	43.273	ng	100
35) Caprolactam	8.62	113	159561m	46.688	ng	
36) 4-Chloro-3-methylphenol	8.72	107	528348	46.054	ng	97
37) 2-Methylnaphthalene	8.88	142	1121401	46.925	ng	98
38) 1-Methylnaphthalene	8.98	142	1038009	45.729	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	500888	44.643	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	433623	67.751	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	378387	46.117	ng		98
44) 2,4,5-Trichlorophenol	9.21	196	375400	44.676	ng		96
46) 1,1'-Biphenyl	9.35	154	1336164	45.872	ng		99
47) 2-Chloronaphthalene	9.37	162	1058348	43.637	ng		98
48) 2-Nitroaniline	9.46	65	317437	42.286	ng		96
49) Acenaphthylene	9.79	152	1588377	44.198	ng		98
50) Dimethylphthalate	9.65	163	1238428	44.179	ng		99
51) 2,6-Dinitrotoluene	9.70	165	287355	45.107	ng		100
52) Acenaphthene	9.96	154	1142372	49.235	ng		98
53) 3-Nitroaniline	9.87	138	231322	31.775	ng		98
54) 2,4-Dinitrophenol	9.98	184	325708	99.583	ng		99
55) Dibenzofuran	10.13	168	1422109	43.160	ng		99
56) 4-Nitrophenol	10.04	139	461339	83.105	ng		98
57) 2,4-Dinitrotoluene	10.11	165	379295	45.957	ng		96
58) Fluorene	10.47	166	1059274	44.969	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.25	232	326452	46.475	ng		99
60) Diethylphthalate	10.35	149	1186393	45.170	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	547047	41.878	ng		97
62) 4-Nitroaniline	10.49	138	277470	39.735	ng		100
63) Azobenzene	10.62	77	1137466	44.649	ng		97
65) 4,6-Dinitro-2-methylphenol	10.52	198	203486	46.537	ng		93
66) n-Nitrosodiphenylamine	10.58	169	986735	44.323	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	348959	42.667	ng		98
68) Hexachlorobenzene	11.03	284	399093	42.730	ng		97
69) Atrazine	11.11	200	295308	40.435	ng		99
70) Pentachlorophenol	11.22	266	478773	83.811	ng		99
71) Phenanthrene	11.43	178	1599352	43.596	ng		98
72) Anthracene	11.49	178	1618343	42.686	ng		100
73) Carbazole	11.64	167	1412202	42.476	ng		99
74) Di-n-butylphthalate	11.97	149	1750150	42.736	ng		99
75) Fluoranthene	12.62	202	1632817	42.119	ng		99
77) Benzidine	12.73	184	239794	15.722	ng	#	93
78) Pyrene	12.85	202	1631663	44.730	ng		98
80) Butylbenzylphthalate	13.46	149	726410	46.713	ng		98
81) Benzo(a)anthracene	14.03	228	1240601	43.737	ng		97
82) 3,3'-Dichlorobenzidine	13.99	252	327135	32.442	ng		97
83) Chrysene	14.07	228	1272086	44.674	ng		97
84) Bis(2-ethylhexyl)phthalate	14.02	149	919478	47.735	ng		98
85) Di-n-octyl phthalate	14.63	149	1442245	47.059	ng		98
86) Indeno(1,2,3-cd)pyrene	17.00	276	1041005	43.032	ng		99
88) Benzo(b)fluoranthene	15.09	252	1176433	61.169	ng		99
89) Benzo(k)fluoranthene	15.12	252	962433	56.129	ng		99
90) Benzo(a)pyrene	15.46	252	966194	58.451	ng		99
91) Dibenzo(a,h)anthracene	17.02	278	875036	60.298	ng		98
92) Benzo(g,h,i)perylene	17.44	276	881913	60.936	ng		99

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

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