Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115184.D
Acq On : 25 Jun 2019 13:46
Operator : HP/JU
Sample : PB120809BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB120809BS

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:16 PM

Quant Time: Jun 26 06:44:28 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	264502	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1066493	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	541278	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1058691	20.00	ng		0.00
76) Chrysene-d12	13.74	240	728225	20.00	ng		-0.01
87) Perylene-d12	15.11	264	774073	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1897053	110.68	ng		0.02
7) Phenol-d6	6.26	99	2332969	112.14	ng		0.00
23) Nitrobenzene-d5	7.18	82	1452480	83.78	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	701843	122.96	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2715894	85.23	ng		-0.01
79) Terphenyl-d14	12.70	244	2904232	84.79	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.29	88	293293	36.257	ng		99
3) Pyridine	2.94	79	797857	34.994	ng		99
4) n-Nitrosodimethylamine	2.88	42	330379	36.963	ng		99
6) Aniline	6.27	93	701062	24.519	ng	#	1
8) 2-Chlorophenol	6.40	128	803216	41.675	ng		98
9) Benzaldehyde	6.15	77	110776	8.162	ng		99
10) Phenol	6.27	94	911929	37.421	ng		93
11) bis(2-Chloroethyl)ether	6.35	93	717587	39.947	ng		97
12) 1,3-Dichlorobenzene	6.55	146	846236	39.563	ng		99
13) 1,4-Dichlorobenzene	6.63	146	846978	39.488	ng		99
14) 1,2-Dichlorobenzene	6.78	146	795227	40.035	ng		98
15) Benzyl Alcohol	6.76	79	534361	35.274	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1026650	39.405	ng		97
17) 2-Methylphenol	6.88	107	699884	43.994	ng		98
18) Hexachloroethane	7.12	117	306496	39.636	ng		98
19) n-Nitroso-di-n-propylamine	7.04	70	516087	38.748	ng		97
20) 3+4-Methylphenols	7.03	107	794447	43.249	ng		89
22) Acetophenone	7.02	105	1048571	42.947	ng	#	97
24) Nitrobenzene	7.20	77	807642	42.285	ng		99
25) Isophorone	7.44	82	1479555	41.659	ng		100
26) 2-Nitrophenol	7.51	139	457161	48.467	ng		98
27) 2,4-Dimethylphenol	7.56	122	755751	48.936	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	929307	41.399	ng		99
29) 2,4-Dichlorophenol	7.75	162	712087	44.680	ng		97
30) 1,2,4-Trichlorobenzene	7.84	180	748749	42.532	ng		99
31) Naphthalene	7.91	128	2247424	42.930	ng		100
32) Benzoic acid	7.70	122	594548	53.933	ng		94
33) 4-Chloroaniline	7.96	127	551894	23.067	ng		99
34) Hexachlorobutadiene	8.04	225	401216	41.589	ng		99
35) Caprolactam	8.34	113	240524m	44.888	ng		
36) 4-Chloro-3-methylphenol	8.45	107	729008	45.167	ng		99
37) 2-Methylnaphthalene	8.61	142	1563086	44.282	ng		99
38) 1-Methylnaphthalene	8.71	142	1482772	43.983	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	661489	43.247	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	691178	76.207	ng		99
43) 2,4,6-Trichlorophenol	8.88	196	504890	42.756	ng		100
44) 2,4,5-Trichlorophenol	8.93	196	531875	43.737	ng		98
46) 1,1'-Biphenyl	9.07	154	1798175	41.519	ng		98
47) 2-Chloronaphthalene	9.09	162	1473186	41.934	ng		98
48) 2-Nitroaniline	9.18	65	442707	43.224	ng		97
49) Acenaphthylene	9.50	152	2275557	41.574	ng		99
50) Dimethylphthalate	9.38	163	1678004	42.137	ng		100
51) 2,6-Dinitrotoluene	9.43	165	404874	44.037	ng		97
52) Acenaphthene	9.68	154	1347613	39.346	ng		99
53) 3-Nitroaniline	9.59	138	304341	27.126	ng		95
54) 2,4-Dinitrophenol	9.70	184	445633	92.893	ng		95
55) Dibenzofuran	9.85	168	1984768	40.375	ng		98
56) 4-Nitrophenol	9.77	139	717040	79.718	ng		94
57) 2,4-Dinitrotoluene	9.83	165	543335	45.769	ng		94
58) Fluorene	10.19	166	1366040	41.177	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.97	232	475595	46.641	ng		98
60) Diethylphthalate	10.08	149	1668910	41.691	ng		100
61) 4-Chlorophenyl-phenylether	10.18	204	663897	42.272	ng		97
62) 4-Nitroaniline	10.21	138	452606	40.212	ng		98
63) Azobenzene	10.34	77	1529856	40.917	ng		98
65) 4,6-Dinitro-2-methylphenol	10.24	198	266365	47.359	ng		90
66) n-Nitrosodiphenylamine	10.30	169	1404230	42.574	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	489633	42.657	ng	#	91
68) Hexachlorobenzene	10.73	284	532516	42.741	ng		94
69) Atrazine	10.83	200	452315	42.631	ng		99
70) Pentachlorophenol	10.92	266	663195	83.554	ng		97
71) Phenanthrene	11.14	178	2259832	39.645	ng		100
72) Anthracene	11.19	178	2329214	40.481	ng		98
73) Carbazole	11.34	167	2118253	41.227	ng		98
74) Di-n-butylphthalate	11.69	149	2440778	41.109	ng		98
75) Fluoranthene	12.32	202	2346434	41.258	ng		98
77) Benzidine	12.44	184	801440	24.785	ng		100
78) Pyrene	12.54	202	2391529	42.733	ng		98
80) Butylbenzylphthalate	13.18	149	1122042	45.431	ng		94
81) Benzo(a)anthracene	13.72	228	2184233	41.801	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	686242	36.368	ng		98
83) Chrysene	13.76	228	2068696	43.220	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1452642	44.888	ng		100
85) Di-n-octyl phthalate	14.36	149	2476982	45.555	ng		100
86) Indeno(1,2,3-cd)pyrene	16.39	276	2409907	42.549	ng		99
88) Benzo(b)fluoranthene	14.74	252	2250306	46.590	ng		98
89) Benzo(k)fluoranthene	14.77	252	2167716	50.046	ng		99
90) Benzo(a)pyrene	15.06	252	2173086	49.918	ng		99
91) Dibenzo(a,h)anthracene	16.41	278	1980930	48.742	ng		99
92) Benzo(g,h,i)perylene	16.77	276	2001130	48.650	ng		98

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

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