Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115185.D
Acq On : 25 Jun 2019 14:14
Operator : HP/JU
Sample : PB120851BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB120851BS

Manual Integrations APPROVED

Quant Time: Jun 26 06:46:02 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	269221	20.00	ng		0.00	
21) Naphthalene-d8	7.90	136	1078953	20.00	ng		0.00	
39) Acenaphthene-d10	9.64	164	542551	20.00	ng		0.00	
64) Phenanthrene-d10	11.11	188	1055472	20.00	ng		0.00	
76) Chrysene-d12	13.73	240	714794	20.00	ng		-0.02	
87) Perylene-d12	15.10	264	756554	20.00	ng		-0.01	mohammad
System Monitoring Compounds								
5) 2-Fluorophenol	5.22	112	1899435	108.88	ng		0.02	
7) Phenol-d6	6.26	99	2346208	110.80	ng		0.00	
23) Nitrobenzene-d5	7.18	82	1454721	82.94	ng		0.00	6/26/2019 2:03:19 PM
42) 2,4,6-Tribromophenol	10.42	330	695006	121.47	ng		0.00	
45) 2-Fluorobiphenyl	8.97	172	2745195	85.95	ng		-0.01	
79) Terphenyl-d14	12.69	244	2858389	85.02	ng		-0.01	
Target Compounds							Qvalue	
2) 1,4-Dioxane	2.29	88	295667	35.910	ng		99	
3) Pyridine	2.94	79	803278	34.614	ng		99	
4) n-Nitrosodimethylamine	2.88	42	334563	36.775	ng		98	
6) Aniline	6.27	93	709488	24.379	ng	#	1	
8) 2-Chlorophenol	6.40	128	803126	40.940	ng		98	
9) Benzaldehyde	6.15	77	111005	8.035	ng		98	
10) Phenol	6.27	94	924702	37.280	ng		94	
11) bis(2-Chloroethyl)ether	6.35	93	726660	39.743	ng		98	
12) 1,3-Dichlorobenzene	6.55	146	850700	39.074	ng		100	
13) 1,4-Dichlorobenzene	6.63	146	858685	39.332	ng		99	
14) 1,2-Dichlorobenzene	6.78	146	802847	39.710	ng		99	
15) Benzyl Alcohol	6.76	79	536214	34.776	ng		97	
16) 2,2'-oxybis(1-Chloropropan	6.90	45	1037384	39.119	ng		96	
17) 2-Methylphenol	6.88	107	702240	43.369	ng		98	
18) Hexachloroethane	7.12	117	306246	38.910	ng		96	
19) n-Nitroso-di-n-propylamine	7.04	70	519190	38.298	ng		98	
20) 3+4-Methylphenols	7.03	107	785654	42.020	ng		94	
22) Acetophenone	7.02	105	1065699	43.144	ng	#	97	
24) Nitrobenzene	7.20	77	818812	42.375	ng		99	
25) Isophorone	7.44	82	1489038	41.442	ng		99	
26) 2-Nitrophenol	7.51	139	466847	48.923	ng		99	
27) 2,4-Dimethylphenol	7.56	122	769571	49.256	ng		98	
28) bis(2-Chloroethoxy)methane	7.65	93	931214	41.005	ng		99	
29) 2,4-Dichlorophenol	7.75	162	717895	44.524	ng		96	
30) 1,2,4-Trichlorobenzene	7.84	180	759049	42.619	ng		99	
31) Naphthalene	7.92	128	2253732	42.553	ng		100	
32) Benzoic acid	7.70	122	599753	53.777	ng		99	
33) 4-Chloroaniline	7.96	127	560272	23.147	ng		98	
34) Hexachlorobutadiene	8.04	225	408250	41.829	ng		98	
35) Caprolactam	8.34	113	239648m	44.208	ng			
36) 4-Chloro-3-methylphenol	8.45	107	738719	45.240	ng		100	
37) 2-Methylnaphthalene	8.61	142	1569670	43.955	ng		98	
38) 1-Methylnaphthalene	8.71	142	1490248	43.695	ng		99	
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	661473	43.145	ng		99	

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	691446	76.058 ng	99
43) 2,4,6-Trichlorophenol	8.88	196	506098	42.757 ng	100
44) 2,4,5-Trichlorophenol	8.93	196	533312	43.752 ng	99
46) 1,1'-Biphenyl	9.07	154	1806632	41.616 ng	98
47) 2-Chloronaphthalene	9.09	162	1475001	41.887 ng	97
48) 2-Nitroaniline	9.18	65	445817	43.425 ng	97
49) Acenaphthylene	9.50	152	2288389	41.710 ng	99
50) Dimethylphthalate	9.38	163	1676391	41.997 ng	99
51) 2,6-Dinitrotoluene	9.43	165	403731	43.810 ng	97
52) Acenaphthene	9.68	154	1355602	39.486 ng	99
53) 3-Nitroaniline	9.60	138	306509	27.255 ng	93
54) 2,4-Dinitrophenol	9.70	184	448089	93.163 ng	95
55) Dibenzofuran	9.85	168	1974400	40.069 ng	98
56) 4-Nitrophenol	9.77	139	708372	78.569 ng	94
57) 2,4-Dinitrotoluene	9.83	165	540985	45.464 ng	94
58) Fluorene	10.19	166	1389095	41.886 ng	99
59) 2,3,4,6-Tetrachlorophenol	9.97	232	474512	46.425 ng	99
60) Diethylphthalate	10.08	149	1661225	41.402 ng	100
61) 4-Chlorophenyl-phenylether	10.18	204	673492	42.879 ng	97
62) 4-Nitroaniline	10.21	138	453241	40.174 ng	98
63) Azobenzene	10.34	77	1530824	40.846 ng	98
65) 4,6-Dinitro-2-methylphenol	10.24	198	264431	47.180 ng	91
66) n-Nitrosodiphenylamine	10.30	169	1400890	42.602 ng	99
67) 4-Bromophenyl-phenylether	10.67	248	485126	42.393 ng	98
68) Hexachlorobenzene	10.73	284	529977	42.667 ng	94
69) Atrazine	10.83	200	450436	42.583 ng	99
70) Pentachlorophenol	10.92	266	673471	85.107 ng	99
71) Phenanthrene	11.14	178	2248784	39.572 ng	99
72) Anthracene	11.19	178	2313642	40.333 ng	98
73) Carbazole	11.34	167	2114383	41.277 ng	98
74) Di-n-butylphthalate	11.69	149	2428103	41.021 ng	98
75) Fluoranthene	12.32	202	2338855	41.250 ng	98
77) Benzidine	12.44	184	784565	24.719 ng	100
78) Pyrene	12.54	202	2361143	42.983 ng	97
80) Butylbenzylphthalate	13.18	149	1099327	45.348 ng	93
81) Benzo(a)anthracene	13.72	228	2167403	42.259 ng	99
82) 3,3'-Dichlorobenzidine	13.69	252	684489	36.957 ng	99
83) Chrysene	13.76	228	2068549	44.029 ng	98
84) Bis(2-ethylhexyl)phthalate	13.74	149	1406395	44.275 ng	99
85) Di-n-octyl phthalate	14.35	149	2417549	45.297 ng	99
86) Indeno(1,2,3-cd)pyrene	16.38	276	2382159	42.850 ng	99
88) Benzo(b)fluoranthene	14.73	252	2372387	50.255 ng	99
89) Benzo(k)fluoranthene	14.76	252	2018560	47.681 ng	97
90) Benzo(a)pyrene	15.05	252	2162663	50.829 ng	99
91) Dibenzo(a,h)anthracene	16.39	278	1961135	49.372 ng	99
92) Benzo(g,h,i)perylene	16.76	276	1984501	49.362 ng	98

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

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