Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061419\
Data File : BF115053.D
Acq On : 14 Jun 2019 21:18
Operator : HP/JU
Sample : K3361-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : BAT-B10MSD

Quant Time: Jun 15 05:56:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	270912	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1027255	20.00	ng		0.00
39) Acenaphthene-d10	9.67	164	475611	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	817678	20.00	ng		0.00
76) Chrysene-d12	13.77	240	489102	20.00	ng		-0.01
87) Perylene-d12	15.14	264	530794	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	1503375	92.66	ng		0.00
7) Phenol-d6	6.30	99	1869703	95.53	ng		0.00
23) Nitrobenzene-d5	7.21	82	1162012	68.09	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	435818	85.57	ng		0.00
45) 2-Fluorobiphenyl	9.00	172	2164300	77.12	ng		0.00
79) Terphenyl-d14	12.73	244	1859070	71.49	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.33	88	203397	26.783	ng		99
3) Pyridine	3.01	79	466082	21.799	ng		99
4) n-Nitrosodimethylamine	2.94	42	220872	29.097	ng		96
6) Aniline	6.31	93	501364	19.129	ng	#	51
8) 2-Chlorophenol	6.43	128	584716	31.783	ng		98
9) Benzaldehyde	6.19	77	118755	4.955	ng		99
10) Phenol	6.31	94	695027	31.741	ng		84
11) bis(2-Chloroethyl)ether	6.39	93	533144	31.370	ng		99
12) 1,3-Dichlorobenzene	6.59	146	642180	29.885	ng		99
13) 1,4-Dichlorobenzene	6.66	146	657090	30.416	ng		99
14) 1,2-Dichlorobenzene	6.82	146	605382	29.765	ng		99
15) Benzyl Alcohol	6.79	79	399510	27.245	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.93	45	690126	30.340	ng		98
17) 2-Methylphenol	6.92	107	496410	32.350	ng		99
18) Hexachloroethane	7.16	117	218307	27.982	ng		94
19) n-Nitroso-di-n-propylamine	7.07	70	369470	31.072	ng		96
20) 3+4-Methylphenols	7.07	107	574970	31.483	ng		95
22) Acetophenone	7.06	105	794447	34.164	ng	#	95
24) Nitrobenzene	7.23	77	574802	33.103	ng		93
25) Isophorone	7.47	82	1048556	32.804	ng		98
26) 2-Nitrophenol	7.55	139	297986	30.788	ng		97
27) 2,4-Dimethylphenol	7.59	122	501619	35.927	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	668279	32.587	ng		100
29) 2,4-Dichlorophenol	7.79	162	479835	32.532	ng		99
30) 1,2,4-Trichlorobenzene	7.87	180	548912	32.207	ng		99
31) Naphthalene	7.95	128	1667290	34.304	ng		99
33) 4-Chloroaniline	8.00	127	423672	18.884	ng		98
34) Hexachlorobutadiene	8.07	225	302052	31.885	ng		98
35) Caprolactam	8.36	113	120921m	24.615	ng		
36) 4-Chloro-3-methylphenol	8.49	107	482371	32.452	ng		99
37) 2-Methylnaphthalene	8.64	142	1115409	34.408	ng		99
38) 1-Methylnaphthalene	8.74	142	1045325	34.118	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	486040	34.590	ng		99
41) Hexachlorocyclopentadiene	8.80	237	308622	44.573	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.92	196	306203	29.176	ng		98
44) 2,4,5-Trichlorophenol	8.96	196	326416	30.776	ng		97
46) 1,1'-Biphenyl	9.10	154	1302683	34.180	ng		99
47) 2-Chloronaphthalene	9.13	162	1025191	33.264	ng		97
48) 2-Nitroaniline	9.22	65	284080	31.185	ng		96
49) Acenaphthylene	9.53	152	1575145	33.241	ng		99
50) Dimethylphthalate	9.41	163	1426529	39.883	ng		99
51) 2,6-Dinitrotoluene	9.46	165	273094	33.659	ng	#	88
52) Acenaphthene	9.71	154	900049	33.199	ng		99
53) 3-Nitroaniline	9.63	138	247035	24.851	ng		99
54) 2,4-Dinitrophenol	9.74	184	16111	4.094	ng	#	88
55) Dibenzofuran	9.88	168	1353872	33.135	ng		97
56) 4-Nitrophenol	9.80	139	324129	47.283	ng		99
57) 2,4-Dinitrotoluene	9.86	165	339034	32.830	ng		97
58) Fluorene	10.22	166	964659	33.343	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.00	232	248813	29.042	ng		97
60) Diethylphthalate	10.10	149	1154912	33.769	ng		99
61) 4-Chlorophenyl-phenylether	10.22	204	481509	33.777	ng		99
62) 4-Nitroaniline	10.24	138	273137	27.328	ng		98
63) Azobenzene	10.37	77	988013	33.022	ng		98
65) 4,6-Dinitro-2-methylphenol	10.27	198	60861	13.280	ng		84
66) n-Nitrosodiphenylamine	10.33	169	907879	37.145	ng		100
67) 4-Bromophenyl-phenylether	10.70	248	310985	35.422	ng	#	91
68) Hexachlorobenzene	10.77	284	323857	33.506	ng		96
69) Atrazine	10.86	200	290785	36.900	ng		98
70) Pentachlorophenol	10.96	266	224966	42.857	ng		99
71) Phenanthrene	11.17	178	1399612	33.152	ng		98
72) Anthracene	11.22	178	1448459	34.009	ng		99
73) Carbazole	11.38	167	1263263	33.982	ng		97
74) Di-n-butylphthalate	11.72	149	1682805	35.907	ng		99
75) Fluoranthene	12.35	202	1320680	30.593	ng		99
77) Benzidine	12.47	184	365367	18.469	ng		97
78) Pyrene	12.57	202	1319064	29.604	ng		99
80) Butylbenzylphthalate	13.20	149	637333	30.625	ng		95
81) Benzo(a)anthracene	13.76	228	1135985	31.037	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	364419	25.970	ng		98
83) Chrysene	13.80	228	1140997	31.350	ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	852354	34.653	ng		99
85) Di-n-octyl phthalate	14.38	149	1437572	33.940	ng		99
86) Indeno(1,2,3-cd)pyrene	16.44	276	989714	30.957	ng		99
88) Benzo(b)fluoranthene	14.77	252	1188175	33.673	ng		99
89) Benzo(k)fluoranthene	14.79	252	1005533	32.467	ng		99
90) Benzo(a)pyrene	15.09	252	1032130	33.899	ng		99
91) Dibenzo(a,h)anthracene	16.46	278	843044	32.151	ng		99
92) Benzo(g,h,i)perylene	16.83	276	812415	30.380	ng		99

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

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