Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062419\
Data File : BF115163.D
Acq On : 24 Jun 2019 22:35
Operator : HP/JU
Sample : K3482-05MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-3MS

Quant Time: Jun 25 07:43:15 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	6.63	152	213873	20.00	ng		0.01
21) Naphthalene-d8	7.91	136	586182	20.00	ng		0.01
39) Acenaphthene-d10	9.64	164	514428	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1040229	20.00	ng		0.00
76) Chrysene-d12	13.73	240	677520	20.00	ng		-0.02
87) Perylene-d12	15.09	264	632202	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1066342	76.94	ng		0.01
7) Phenol-d6	6.26	99	1305026	77.58	ng		0.00
23) Nitrobenzene-d5	7.19	82	461988	48.48	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	426267	78.58	ng		0.00
45) 2-Fluorobiphenyl	8.98	172	1677650	55.40	ng		0.00
79) Terphenyl-d14	12.70	244	1971171	61.86	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	272196	41.615	ng		99
3) Pyridine	2.91	79	717620	38.926	ng		97
4) n-Nitrosodimethylamine	2.85	42	310255	42.929	ng		95
6) Aniline	6.28	93	263626	11.403	ng	#	31
8) 2-Chlorophenol	6.42	128	418890	26.879	ng		97
9) Benzaldehyde	6.17	77	325468	29.656	ng	#	80
10) Phenol	6.27	94	739902	37.550	ng		95
11) bis(2-Chloroethyl)ether	6.37	93	568509	39.140	ng	#	83
12) 1,3-Dichlorobenzene	6.57	146	626587	36.228	ng		99
13) 1,4-Dichlorobenzene	6.65	146	524281	30.229	ng	#	86
14) 1,2-Dichlorobenzene	6.80	146	361741	22.523	ng	#	55
15) Benzyl Alcohol	6.77	79	536606	43.808	ng		91
16) 2,2'-oxybis(1-Chloropropan	6.92	45	458545	21.766	ng	#	36
17) 2-Methylphenol	6.88	107	442394	34.392	ng	#	82
18) Hexachloroethane	7.15	117	228115	36.483	ng		99
19) n-Nitroso-di-n-propylamine	7.05	70	198602	18.441	ng	#	92
20) 3+4-Methylphenols	7.04	107	399227	26.878	ng	#	70
22) Acetophenone	7.04	105	543742	40.518	ng	#	89
24) Nitrobenzene	7.21	77	640003	60.965	ng	#	92
25) Isophorone	7.46	82	926566	47.466	ng	#	33
26) 2-Nitrophenol	7.53	139	251828	48.575	ng	#	6
27) 2,4-Dimethylphenol	7.57	122	344929	40.636	ng		86
28) bis(2-Chloroethoxy)methane	7.67	93	457023	37.042	ng	#	58
29) 2,4-Dichlorophenol	7.77	162	472497	53.939	ng		89
30) 1,2,4-Trichlorobenzene	7.86	180	494932	51.151	ng		99
31) Naphthalene	7.94	128	1613305	56.068	ng	#	96
32) Benzoic acid	7.72	122	81450	13.443	ng	#	33
33) 4-Chloroaniline	7.98	127	216876	16.492	ng	#	32
34) Hexachlorobutadiene	8.07	225	291963	55.062	ng		99
35) Caprolactam	8.36	113	368799	125.223	ng	#	42
36) 4-Chloro-3-methylphenol	8.46	107	540600	60.938	ng		95
37) 2-Methylnaphthalene	8.62	142	1170020	60.307	ng		96
38) 1-Methylnaphthalene	8.72	142	1763932	95.197	ng	#	99
40) 1,2,4,5-Tetrachlorobenzene	8.78	216	536014	36.873	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.78	237	604359	70.113 ng		99
43) 2,4,6-Trichlorophenol	8.89	196	417229	37.176 ng		99
44) 2,4,5-Trichlorophenol	8.92	196	450885	39.012 ng	#	93
46) 1,1'-Biphenyl	9.08	154	1584220	38.488 ng		98
47) 2-Chloronaphthalene	9.10	162	1240568	37.156 ng		96
48) 2-Nitroaniline	9.18	65	367097	37.712 ng		99
49) Acenaphthylene	9.51	152	1986774	38.192 ng		99
50) Dimethylphthalate	9.38	163	1848147	48.831 ng		100
51) 2,6-Dinitrotoluene	9.43	165	355513	40.687 ng		97
52) Acenaphthene	9.68	154	1296317	39.824 ng		99
53) 3-Nitroaniline	9.59	138	176377	16.541 ng		96
54) 2,4-Dinitrophenol	9.70	184	186006	44.916 ng		94
55) Dibenzofuran	9.85	168	1808103	38.701 ng		99
56) 4-Nitrophenol	9.76	139	651377	76.197 ng		95
57) 2,4-Dinitrotoluene	9.83	165	477986	42.366 ng		99
58) Fluorene	10.19	166	1277102	40.380 ng		97
59) 2,3,4,6-Tetrachlorophenol	9.97	232	390754	40.320 ng		98
60) Diethylphthalate	10.08	149	1492951	39.242 ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	611921	40.754 ng		97
62) 4-Nitroaniline	10.20	138	372967	34.866 ng		99
63) Azobenzene	10.34	77	1371305	38.590 ng		98
65) 4,6-Dinitro-2-methylphenol	10.23	198	158739	30.676 ng		84
66) n-Nitrosodiphenylamine	10.30	169	1269773	39.181 ng		99
67) 4-Bromophenyl-phenylether	10.67	248	441399	39.137 ng		98
68) Hexachlorobenzene	10.73	284	471987	38.555 ng		94
69) Atrazine	10.83	200	409615	39.291 ng		99
70) Pentachlorophenol	10.92	266	500032	64.116 ng		98
71) Phenanthrene	11.14	178	2149490	38.379 ng		100
72) Anthracene	11.19	178	2157750	38.166 ng		99
73) Carbazole	11.34	167	1962290	38.869 ng		99
74) Di-n-butylphthalate	11.69	149	2309577	39.590 ng		99
75) Fluoranthene	12.31	202	2280764	40.815 ng		100
77) Benzidine	12.44	184	450387	14.971 ng		99
78) Pyrene	12.54	202	2340419	44.949 ng		98
80) Butylbenzylphthalate	13.18	149	1021729	44.465 ng		94
81) Benzo(a)anthracene	13.72	228	1955080	40.216 ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	316627	18.036 ng		99
83) Chrysene	13.76	228	1791794	40.236 ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	1323225	43.949 ng		99
85) Di-n-octyl phthalate	14.35	149	2144713	42.396 ng		99
86) Indeno(1,2,3-cd)pyrene	16.37	276	1780826	33.795 ng		99
88) Benzo(b)fluoranthene	14.72	252	1810650	45.900 ng		98
89) Benzo(k)fluoranthene	14.75	252	1392531	39.364 ng		98
90) Benzo(a)pyrene	15.04	252	1521610	42.796 ng		98
91) Dibenzo(a,h)anthracene	16.38	278	1438160	43.328 ng		99
92) Benzo(g,h,i)perylene	16.75	276	1529912	45.540 ng		99

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

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