Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
Data File : BF115572.D
Acq On : 15 Jul 2019 22:20
Operator : HP/JU
Sample : K3768-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-1MSD

Quant Time: Jul 16 04:52:23 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	6.88	152	222587	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	888928	20.00	ng		0.00
39) Acenaphthene-d10	9.92	164	446295	20.00	ng		0.00
64) Phenanthrene-d10	11.40	188	861674	20.00	ng		0.00
76) Chrysene-d12	14.04	240	578433	20.00	ng		-0.01
87) Perylene-d12	15.50	264	552234	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	1262543	92.78	ng		0.01
7) Phenol-d6	6.52	99	1722456	99.75	ng		0.00
23) Nitrobenzene-d5	7.45	82	1082200	70.79	ng		0.00
42) 2,4,6-Tribromophenol	10.71	330	524598	100.70	ng		0.00
45) 2-Fluorobiphenyl	9.24	172	1952173	76.56	ng		-0.01
79) Terphenyl-d14	12.99	244	2062614	65.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	191854	28.264	ng		99
3) Pyridine	3.56	79	28139	1.528	ng		98
4) n-Nitrosodimethylamine	3.45	42	223232	33.413	ng		95
6) Aniline	6.55	93	274675	11.431	ng		97
8) 2-Chlorophenol	6.67	128	491750	31.431	ng		100
9) Benzaldehyde	6.43	77	296293	27.459	ng		100
10) Phenol	6.53	94	605215	30.193	ng		83
11) bis(2-Chloroethyl)ether	6.62	93	470719	30.845	ng		100
12) 1,3-Dichlorobenzene	6.83	146	525323	29.864	ng		98
13) 1,4-Dichlorobenzene	6.90	146	537214	30.609	ng		97
14) 1,2-Dichlorobenzene	7.06	146	492099	30.672	ng		96
15) Benzyl Alcohol	7.02	79	436676	31.880	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	600100	29.868	ng		97
17) 2-Methylphenol	7.13	107	421474	31.260	ng		98
18) Hexachloroethane	7.40	117	188201	28.890	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	340054	30.197	ng		99
20) 3+4-Methylphenols	7.28	107	497561	31.068	ng		92
22) Acetophenone	7.29	105	673093	33.517	ng	#	90
24) Nitrobenzene	7.46	77	536512	32.537	ng		98
25) Isophorone	7.70	82	1000570	32.708	ng		99
26) 2-Nitrophenol	7.77	139	287621	33.889	ng		98
27) 2,4-Dimethylphenol	7.81	122	447303	35.224	ng		99
28) bis(2-Chloroethoxy)methane	7.91	93	614743	32.757	ng		99
29) 2,4-Dichlorophenol	8.02	162	449175	34.011	ng		99
30) 1,2,4-Trichlorobenzene	8.10	180	484735	32.470	ng		99
31) Naphthalene	8.19	128	1450433	33.691	ng		97
32) Benzoic acid	7.89	122	66826	6.412	ng		97
33) 4-Chloroaniline	8.23	127	289060	15.158	ng		97
34) Hexachlorobutadiene	8.31	225	270782	31.630	ng		100
35) Caprolactam	8.60	113	117582m	28.811	ng		
36) 4-Chloro-3-methylphenol	8.71	107	466604	34.060	ng		99
37) 2-Methylnaphthalene	8.87	142	988483	34.638	ng		98
38) 1-Methylnaphthalene	8.97	142	920014	33.942	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	437800	32.576	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	502707	65.573	ng		99
43) 2,4,6-Trichlorophenol	9.15	196	325184	33.087	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	343392	34.117	ng		99
46) 1,1'-Biphenyl	9.34	154	1204297	34.516	ng		98
47) 2-Chloronaphthalene	9.37	162	964377	33.195	ng		96
48) 2-Nitroaniline	9.46	65	289843	32.233	ng		97
49) Acenaphthylene	9.78	152	1449298	33.667	ng		98
50) Dimethylphthalate	9.65	163	1528948	45.534	ng		99
51) 2,6-Dinitrotoluene	9.70	165	264086	34.608	ng		98
52) Acenaphthene	9.96	154	963755	34.677	ng		99
53) 3-Nitroaniline	9.86	138	197137	22.607	ng		95
54) 2,4-Dinitrophenol	9.97	184	182593	46.606	ng		90
55) Dibenzofuran	10.13	168	1296664	32.853	ng		99
56) 4-Nitrophenol	10.03	139	445933	67.062	ng		99
57) 2,4-Dinitrotoluene	10.10	165	344006	34.797	ng		91
58) Fluorene	10.47	166	955754	33.873	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.24	232	291870	34.689	ng		99
60) Diethylphthalate	10.34	149	1059841	33.687	ng		98
61) 4-Chlorophenyl-phenylether	10.46	204	492260	31.460	ng		95
62) 4-Nitroaniline	10.48	138	267801	32.016	ng		97
63) Azobenzene	10.62	77	1032364	33.830	ng		97
65) 4,6-Dinitro-2-methylphenol	10.51	198	175278	33.294	ng		96
66) n-Nitrosodiphenylamine	10.57	169	880833	32.862	ng		99
67) 4-Bromophenyl-phenylether	10.95	248	318066	32.301	ng		94
68) Hexachlorobenzene	11.02	284	361397	32.138	ng		98
69) Atrazine	11.10	200	292674	33.285	ng		100
70) Pentachlorophenol	11.21	266	424334	61.696	ng		100
71) Phenanthrene	11.43	178	1465377	33.177	ng		98
72) Anthracene	11.48	178	1518156	33.259	ng		99
73) Carbazole	11.63	167	1339307	33.459	ng		99
74) Di-n-butylphthalate	11.96	149	1591864	32.285	ng		99
75) Fluoranthene	12.62	202	1548588	33.178	ng		99
77) Benzidine	12.73	184	1330	0.065	ng	#	1
78) Pyrene	12.85	202	1529214	31.204	ng		98
80) Butylbenzylphthalate	13.46	149	663834	31.775	ng		97
81) Benzo(a)anthracene	14.03	228	1205097	31.624	ng		96
82) 3,3'-Dichlorobenzidine	13.99	252	311371	22.985	ng		98
83) Chrysene	14.07	228	1252444	32.740	ng		99
84) Bis(2-ethylhexyl)phthalate	14.02	149	831493	32.132	ng		100
85) Di-n-octyl phthalate	14.63	149	1403956	34.098	ng		98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1035744	31.869	ng		99
88) Benzo(b)fluoranthene	15.08	252	1146074	32.230	ng		98
89) Benzo(k)fluoranthene	15.11	252	1103842	34.818	ng		99
90) Benzo(a)pyrene	15.44	252	1039200	34.002	ng		98
91) Dibenzo(a,h)anthracene	17.00	278	879293	32.771	ng		99
92) Benzo(g,h,i)perylene	17.42	276	807075	30.160	ng		98

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

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