Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF020519\
Data File : BF112398.D
Acq On : 5 Feb 2019 16:21
Operator : JU/SJ
Sample : K1350-03MSD 2X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EO-03-020419-BMSD

Quant Time: Feb 05 16:55:48 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	172499	20.00	ng		-0.01
21) Naphthalene-d8	8.12	136	636226	20.00	ng		-0.01
39) Acenaphthene-d10	9.87	164	278831	20.00	ng		-0.02
64) Phenanthrene-d10	11.36	188	445348	20.00	ng		-0.01
76) Chrysene-d12	14.00	240	321162	20.00	ng		-0.01
87) Perylene-d12	15.47	264	271309	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	709847	87.41	ng		-0.01
7) Phenol-d6	6.48	99	868636	76.97	ng		-0.01
23) Nitrobenzene-d5	7.39	82	540417	48.94	ng		-0.02
42) 2,4,6-Tribromophenol	10.66	330	215405	66.37	ng		-0.02
45) 2-Fluorobiphenyl	9.19	172	987498	50.09	ng		-0.02
79) Terphenyl-d14	12.93	244	747337	43.83	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	78694	24.325	ng		97
3) Pyridine	3.38	79	217604	26.442	ng		96
4) n-Nitrosodimethylamine	3.31	42	112815	32.630	ng		88
6) Aniline	6.49	93	179086	13.341	ng	#	1
8) 2-Chlorophenol	6.62	128	274399	25.116	ng		96
9) Benzaldehyde	6.38	77	134065	22.729	ng		97
10) Phenol	6.49	94	319283	25.789	ng		93
11) bis(2-Chloroethyl)ether	6.56	93	236816	24.296	ng		98
12) 1,3-Dichlorobenzene	6.77	146	291847	22.938	ng		98
13) 1,4-Dichlorobenzene	6.85	146	299535	22.875	ng		99
14) 1,2-Dichlorobenzene	7.00	146	286335	23.355	ng		98
15) Benzyl Alcohol	6.97	79	221350	23.269	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.10	45	301312	24.076	ng	#	46
17) 2-Methylphenol	7.10	107	207907	24.006	ng	#	92
18) Hexachloroethane	7.34	117	97453	21.194	ng		98
19) n-Nitroso-di-n-propylamine	7.24	70	181506	23.326	ng		99
20) 3+4-Methylphenols	7.25	107	272976	24.649	ng	#	65
22) Acetophenone	7.24	105	367116	23.697	ng	#	93
24) Nitrobenzene	7.42	77	266828	24.196	ng		94
25) Isophorone	7.65	82	467362	26.980	ng		100
26) 2-Nitrophenol	7.73	139	143466	24.344	ng		98
27) 2,4-Dimethylphenol	7.77	122	225321	27.750	ng		97
28) bis(2-Chloroethoxy)methane	7.86	93	301736	25.582	ng		97
29) 2,4-Dichlorophenol	7.99	162	223585	24.607	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	249966	23.933	ng		98
31) Naphthalene	8.13	128	767172	25.785	ng		99
32) Benzoic acid	7.87	122	17469	3.772	ng		96
33) 4-Chloroaniline	8.19	127	116665	9.005	ng		97
34) Hexachlorobutadiene	8.25	225	138567	22.608	ng		99
35) Caprolactam	8.55	113	64245	20.043	ng		99
36) 4-Chloro-3-methylphenol	8.68	107	213704	22.217	ng		98
37) 2-Methylnaphthalene	8.83	142	522052	25.631	ng		97
38) 1-Methylnaphthalene	8.93	142	484762	24.831	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	233231	25.476	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	23376	15.441 ng		98
43) 2,4,6-Trichlorophenol	9.12	196	147676	26.169 ng		99
44) 2,4,5-Trichlorophenol	9.16	196	148976	25.259 ng		96
46) 1,1'-Biphenyl	9.29	154	615681	25.257 ng		97
47) 2-Chloronaphthalene	9.32	162	462329	24.458 ng		97
48) 2-Nitroaniline	9.42	65	124679	24.199 ng		96
49) Acenaphthylene	9.73	152	710137	25.631 ng		97
50) Dimethylphthalate	9.59	163	631514	29.151 ng		99
51) 2,6-Dinitrotoluene	9.65	165	118497	24.423 ng	#	81
52) Acenaphthene	9.90	154	409064	24.715 ng		99
53) 3-Nitroaniline	9.83	138	84945	16.160 ng		94
54) 2,4-Dinitrophenol	9.95	184	8821	5.665 ng	#	87
55) Dibenzofuran	10.07	168	607166	24.006 ng		95
56) 4-Nitrophenol	10.01	139	116093	41.775 ng		95
57) 2,4-Dinitrotoluene	10.06	165	145437	23.546 ng	#	88
58) Fluorene	10.42	166	481978	25.465 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.20	232	111189	24.947 ng	#	96
60) Diethylphthalate	10.29	149	527521	24.537 ng		99
61) 4-Chlorophenyl-phenylether	10.40	204	233969	22.725 ng		92
62) 4-Nitroaniline	10.44	138	98331	19.072 ng		94
63) Azobenzene	10.57	77	421836	22.310 ng		95
65) 4,6-Dinitro-2-methylphenol	10.48	198	16381	6.561 ng		95
66) n-Nitrosodiphenylamine	10.52	169	418816	27.903 ng		98
67) 4-Bromophenyl-phenylether	10.89	248	136192	26.001 ng		94
68) Hexachlorobenzene	10.97	284	134149	23.871 ng		97
69) Atrazine	11.05	200	125697	25.954 ng		98
70) Pentachlorophenol	11.17	266	93581	42.797 ng		99
71) Phenanthrene	11.38	178	630546	27.234 ng		98
72) Anthracene	11.43	178	615893	26.704 ng		98
73) Carbazole	11.59	167	514385	22.610 ng		99
74) Di-n-butylphthalate	11.91	149	766981	27.161 ng		99
75) Fluoranthene	12.57	202	585586	23.581 ng		98
77) Benzidine	12.69	184	152926	17.300 ng		97
78) Pyrene	12.80	202	590376	26.551 ng		98
80) Butylbenzylphthalate	13.40	149	249019	23.148 ng		91
81) Benzo(a)anthracene	13.99	228	501172	26.546 ng		99
82) 3,3'-Dichlorobenzidine	13.94	252	115430	16.337 ng		99
83) Chrysene	14.03	228	467273	25.929 ng		97
84) Bis(2-ethylhexyl)phthalate	13.96	149	360623	23.615 ng	#	98
85) Di-n-octyl phthalate	14.57	149	588947	25.067 ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	361385	25.307 ng		97
88) Benzo(b)fluoranthene	15.04	252	469124	28.913 ng		99
89) Benzo(k)fluoranthene	15.07	252	390255	25.110 ng		99
90) Benzo(a)pyrene	15.41	252	393907	26.981 ng		99
91) Dibenzo(a,h)anthracene	16.95	278	304142	25.848 ng		99
92) Benzo(g,h,i)perylene	17.40	276	290099	26.132 ng		97

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

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