Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070218\
Data File : BF107040.D
Acq On : 2 Jul 2018 13:18
Operator : JU/SJ
Sample : J3761-01MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : 256-CONCORD-COMPMS

Quant Time: Jul 02 13:53:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	64658	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	249797	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	123083	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	228348	20.00	ng		0.00
75) Chrysene-d12	14.15	240	206556	20.00	ng		-0.01
86) Perylene-d12	15.71	264	180383	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	356880	93.46	ng		0.00
7) Phenol-d6	6.61	99	439797	92.23	ng		0.00
23) Nitrobenzene-d5	7.52	82	275518	61.30	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	145313	101.86	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	505027	66.19	ng		-0.01
78) Terphenyl-d14	13.08	244	575006	67.43	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	43205	22.009	ng		95
3) Pyridine	3.61	79	124007	23.292	ng		96
4) n-Nitrosodimethylamine	3.56	42	53172	23.514	ng		86
6) Aniline	6.62	93	144599	22.355	ng	#	54
8) 2-Chlorophenol	6.75	128	131260	31.341	ng		97
9) Benzaldehyde	6.51	77	70415	18.794	ng		98
10) Phenol	6.62	94	164679	30.261	ng		74
11) bis(2-Chloroethyl)ether	6.69	93	128960	28.705	ng		99
12) 1,3-Dichlorobenzene	6.90	146	148806	30.336	ng		97
13) 1,4-Dichlorobenzene	6.98	146	150267	30.301	ng		97
14) 1,2-Dichlorobenzene	7.13	146	141249	31.079	ng		97
15) Benzyl Alcohol	7.10	79	109294	28.544	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.22	45	179029	30.372	ng	#	30
17) 2-Methylphenol	7.22	107	109763	30.625	ng	#	90
18) Hexachloroethane	7.47	117	41787	23.961	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	90441	28.773	ng		94
20) 3+4-Methylphenols	7.37	107	142037	34.376	ng	#	84
22) Acetophenone	7.37	105	181980	32.563	ng	#	97
24) Nitrobenzene	7.54	77	138149	30.104	ng		99
25) Isophorone	7.78	82	250269	31.597	ng		100
26) 2-Nitrophenol	7.86	139	66904	30.883	ng		92
27) 2,4-Dimethylphenol	7.90	122	119498	35.687	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	162115	30.484	ng		99
29) 2,4-Dichlorophenol	8.11	162	120556	34.389	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	130448	33.779	ng		97
31) Naphthalene	8.27	128	369619	31.649	ng		99
32) Benzoic acid	7.98	122	9496	9.164	ng		95
33) 4-Chloroaniline	8.31	127	88706	18.102	ng		99
34) Hexachlorobutadiene	8.37	225	84136	33.436	ng		97
35) Caprolactam	8.68	113	34471	30.166	ng		94
36) 4-Chloro-3-methylphenol	8.81	107	118928	32.231	ng		94
37) 2-Methylnaphthalene	8.95	142	272612	35.217	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	143902	34.717	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	8260	3.873	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	85802	31.141 ng		90
43) 2,4,5-Trichlorophenol	9.29	196	87418	30.406 ng		90
45) 1,1'-Biphenyl	9.42	154	326212	33.256 ng		97
46) 2-Chloronaphthalene	9.45	162	237486	30.758 ng		95
47) 2-Nitroaniline	9.55	65	75159	28.947 ng		95
48) Acenaphthylene	9.87	152	368510	30.230 ng		99
49) Dimethylphthalate	9.71	163	367958	39.859 ng		98
50) 2,6-Dinitrotoluene	9.79	165	62592	32.020 ng	#	78
51) Acenaphthene	10.04	154	221254	28.823 ng		97
52) 3-Nitroaniline	9.96	138	54177	24.085 ng		100
53) 2,4-Dinitrophenol	10.08	184	14216	18.404 ng	#	15
54) Dibenzofuran	10.21	168	339796	32.327 ng		97
55) 4-Nitrophenol	10.14	139	58008	36.945 ng		95
56) 2,4-Dinitrotoluene	10.20	165	77952	30.551 ng	#	90
57) Fluorene	10.55	166	266301	31.927 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.33	232	73957	32.360 ng	#	78
59) Diethylphthalate	10.41	149	273450	30.691 ng	#	92
60) 4-Chlorophenyl-phenylether	10.54	204	140288	32.145 ng	#	86
61) 4-Nitroaniline	10.58	138	57889	25.931 ng		94
62) Azobenzene	10.70	77	240459	27.406 ng		90
64) 4,6-Dinitro-2-methylphenol	10.61	198	20093	14.235 ng	#	66
65) n-Nitrosodiphenylamine	10.66	169	234400	30.519 ng		98
66) 4-Bromophenyl-phenylether	11.03	248	92790	34.049 ng	#	77
67) Hexachlorobenzene	11.10	284	95396	33.445 ng	#	87
68) Atrazine	11.18	200	80167	32.833 ng		92
69) Pentachlorophenol	11.31	266	48647	34.182 ng		99
70) Phenanthrene	11.52	178	373270	33.891 ng		99
71) Anthracene	11.57	178	381920	33.973 ng		99
72) Carbazole	11.73	167	332888	31.628 ng		98
73) Di-n-butylphthalate	12.04	149	395943	31.932 ng		99
74) Fluoranthene	12.71	202	397945	32.782 ng		96
76) Benzidine	12.84	184	240949	40.959 ng		97
77) Pyrene	12.95	202	398725	29.273 ng		100
79) Butylbenzylphthalate	13.54	149	155143	27.703 ng	#	97
80) Benzo(a)anthracene	14.14	228	388118	30.830 ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	136341	30.815 ng	#	95
82) Chrysene	14.18	228	359026	30.999 ng		99
83) Bis(2-ethylhexyl)phthalate	14.10	149	207046	28.918 ng	#	95
84) Di-n-octyl phthalate	14.74	149	372127	31.886 ng		96
85) Indeno(1,2,3-cd)pyrene	17.30	276	299853	30.508 ng	#	89
87) Benzo(b)fluoranthene	15.25	252	340933	30.426 ng	#	97
88) Benzo(k)fluoranthene	15.28	252	327144	30.658 ng	#	95
89) Benzo(a)pyrene	15.64	252	306450	30.764 ng	#	96
90) Dibenzo(a,h)anthracene	17.31	278	253486	30.027 ng	#	94
91) Benzo(g,h,i)perylene	17.78	276	235014	28.482 ng	#	90

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

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