Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082118\
Data File : BF108355.D
Acq On : 21 Aug 2018 23:25
Operator : JU/SJ
Sample : J4521-01MS 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : RT2286MS

Quant Time: Aug 22 00:45:58 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 21 15:20:21 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	161455	20.00	ng		-0.01
21) Naphthalene-d8	8.29	136	625634	20.00	ng		-0.01
38) Acenaphthene-d10	10.05	164	283492	20.00	ng		-0.02
63) Phenanthrene-d10	11.54	188	468372	20.00	ng		-0.02
75) Chrysene-d12	14.20	240	361510	20.00	ng		-0.02
86) Perylene-d12	15.75	264	324827	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	69797	7.83	ng		-0.01
7) Phenol-d6	6.61	99	122726	10.36	ng		-0.02
23) Nitrobenzene-d5	7.56	82	78904	7.04	ng		-0.02
41) 2,4,6-Tribromophenol	10.84	330	31082	10.99	ng		-0.02
44) 2-Fluorobiphenyl	9.36	172	194275	11.00	ng		-0.02
78) Terphenyl-d14	13.12	244	145213	10.21	ng		-0.02
Target Compounds							Qvalue
8) 2-Chlorophenol	6.78	128	26591	2.647	ng		96
10) Phenol	6.63	94	36630	2.988	ng		94
11) bis(2-Chloroethyl)ether	6.72	93	23963	2.418	ng		93
12) 1,3-Dichlorobenzene	6.94	146	25391	2.186	ng		97
13) 1,4-Dichlorobenzene	7.02	146	26269	2.251	ng		98
14) 1,2-Dichlorobenzene	7.17	146	25552	2.354	ng		97
15) Benzyl Alcohol	7.14	79	26955	2.702	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.27	45	50718	2.484	ng		99
17) 2-Methylphenol	7.24	107	26287	3.052	ng		97
19) n-Nitroso-di-n-propylamine	7.40	70	25991	3.243	ng		91
20) 3+4-Methylphenols	7.40	107	37712	3.417	ng	#	86
22) Acetophenone	7.40	105	46686	3.191	ng	#	89
24) Nitrobenzene	7.58	77	33863	2.987	ng		92
25) Isophorone	7.81	82	74543	3.488	ng		94
26) 2-Nitrophenol	7.90	139	12551	2.931	ng	#	88
27) 2,4-Dimethylphenol	7.92	122	33409	3.522	ng		98
28) bis(2-Chloroethoxy)methane	8.02	93	43816	3.512	ng		98
29) 2,4-Dichlorophenol	8.14	162	30847	3.534	ng		99
30) 1,2,4-Trichlorobenzene	8.22	180	30499	3.169	ng		97
31) Naphthalene	8.31	128	101526	3.568	ng		97
32) Benzoic acid	7.99	122	2176	6.321	ng	#	85
34) Hexachlorobutadiene	8.42	225	18958	3.112	ng		97
35) Caprolactam	8.68	113	9546	3.490	ng		95
36) 4-Chloro-3-methylphenol	8.82	107	34484	3.662	ng		98
37) 2-Methylnaphthalene	9.00	142	75326	3.742	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	37864	4.349	ng	#	95
42) 2,4,6-Trichlorophenol	9.28	196	22583	4.180	ng		98
43) 2,4,5-Trichlorophenol	9.31	196	24230	4.074	ng		93
45) 1,1'-Biphenyl	9.46	154	96935	4.638	ng		97
46) 2-Chloronaphthalene	9.49	162	72540	4.391	ng		96
47) 2-Nitroaniline	9.58	65	22367	4.184	ng		85
48) Acenaphthylene	9.91	152	113889	4.361	ng		99
49) Dimethylphthalate	9.75	163	98114	4.968	ng		99
50) 2,6-Dinitrotoluene	9.82	165	15958	3.862	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
51) Acenaphthene	10.08	154	68200	4.263	ng		98
52) 3-Nitroaniline	10.00	138	14797	3.273	ng		100
54) Dibenzofuran	10.25	168	104054	4.490	ng		98
55) 4-Nitrophenol	10.15	139	17992	5.256	ng		86
56) 2,4-Dinitrotoluene	10.23	165	18119	3.407	ng	#	95
57) Fluorene	10.60	166	80764	4.402	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.37	232	16101	3.239	ng	#	87
59) Diethylphthalate	10.45	149	84235	4.405	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	40056	4.190	ng		91
61) 4-Nitroaniline	10.61	138	16075	3.597	ng		95
62) Azobenzene	10.74	77	76841	3.891	ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	108	5.413	ng	#	1
65) n-Nitrosodiphenylamine	10.70	169	69096	4.992	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	23330	4.584	ng		87
67) Hexachlorobenzene	11.15	284	22265	4.157	ng	#	89
68) Atrazine	11.22	200	21764	4.688	ng		98
69) Pentachlorophenol	11.34	266	10227	3.990	ng		98
70) Phenanthrene	11.57	178	139749	6.326	ng		98
71) Anthracene	11.62	178	118521	5.235	ng		98
72) Carbazole	11.77	167	82447	4.098	ng		99
73) Di-n-butylphthalate	12.09	149	118517	5.201	ng		98
74) Fluoranthene	12.77	202	191278	7.934	ng		94
76) Benzidine	12.88	184	28069	2.078	ng		96
77) Pyrene	13.00	202	183338	8.010	ng		98
79) Butylbenzylphthalate	13.60	149	37362	4.111	ng		97
80) Benzo(a)anthracene	14.18	228	133538	6.437	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	21558	2.899	ng		97
82) Chrysene	14.22	228	121815	6.404	ng		98
83) Bis(2-ethylhexyl)phthalate	14.15	149	56315	4.576	ng		99
84) Di-n-octyl phthalate	14.77	149	94193	5.018	ng	#	90
85) Indeno(1,2,3-cd)pyrene	17.36	276	76240	4.626	ng	#	92
87) Benzo(b)fluoranthene	15.28	252	133791	6.893	ng		99
88) Benzo(k)fluoranthene	15.31	252	88639	4.968	ng		98
89) Benzo(a)pyrene	15.68	252	107752	6.199	ng		99
90) Dibenzo(a,h)anthracene	17.38	278	56883	3.955	ng		97
91) Benzo(g,h,i)perylene	17.85	276	60920	4.302	ng	#	90

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

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