Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072318\
Data File : BF107597.D
Acq On : 23 Jul 2018 19:19
Operator : JU/SJ
Sample : J4062-37MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TP-10MSD

Quant Time: Jul 24 03:20:34 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.98	152	287377	20.00	ng		0.00
21) Naphthalene-d8	8.27	136	971135	20.00	ng		0.00
38) Acenaphthene-d10	10.02	164	370832	20.00	ng		0.00
63) Phenanthrene-d10	11.52	188	694674	20.00	ng		0.00
75) Chrysene-d12	14.17	240	504604	20.00	ng		0.00
86) Perylene-d12	15.71	264	406126	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	1975294	110.51	ng		0.01
7) Phenol-d6	6.62	99	2318364	108.02	ng		0.01
23) Nitrobenzene-d5	7.55	82	1441241	100.16	ng		0.00
41) 2,4,6-Tribromophenol	10.82	330	551581	130.80	ng		0.00
44) 2-Fluorobiphenyl	9.34	172	2090163	101.83	ng		0.00
78) Terphenyl-d14	13.11	244	2082175	105.64	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	268589	32.285	ng	#	84
3) Pyridine	3.67	79	723535	31.969	ng	#	84
4) n-Nitrosodimethylamine	3.63	42	374550	39.239	ng		98
6) Aniline	6.65	93	549054	19.835	ng	#	80
8) 2-Chlorophenol	6.77	128	744731	38.891	ng		94
9) Benzaldehyde	6.54	77	336128	22.922	ng		92
10) Phenol	6.64	94	932049	36.927	ng		91
11) bis(2-Chloroethyl)ether	6.71	93	745862	35.643	ng		92
12) 1,3-Dichlorobenzene	6.92	146	790372	36.404	ng		97
13) 1,4-Dichlorobenzene	7.00	146	816401	36.688	ng		98
14) 1,2-Dichlorobenzene	7.15	146	730153	36.563	ng		99
15) Benzyl Alcohol	7.12	79	593487	40.575	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.25	45	1227477	34.770	ng		85
17) 2-Methylphenol	7.24	107	613911	37.719	ng	#	91
18) Hexachloroethane	7.49	117	213152	27.310	ng		97
19) n-Nitroso-di-n-propylamine	7.39	70	505437	36.455	ng		99
20) 3+4-Methylphenols	7.39	107	732108	37.881	ng	#	54
22) Acetophenone	7.39	105	1025829	44.978	ng	#	90
24) Nitrobenzene	7.57	77	751011	45.566	ng		97
25) Isophorone	7.80	82	1354597	44.088	ng		96
26) 2-Nitrophenol	7.88	139	306756	44.074	ng		96
27) 2,4-Dimethylphenol	7.91	122	613479	46.565	ng		99
28) bis(2-Chloroethoxy)methane	8.00	93	905910	44.120	ng		99
29) 2,4-Dichlorophenol	8.12	162	579802	43.057	ng		99
30) 1,2,4-Trichlorobenzene	8.20	180	600282	39.690	ng		98
31) Naphthalene	8.29	128	1890277	44.264	ng		98
32) Benzoic acid	8.01	122	108735	17.776	ng		94
33) 4-Chloroaniline	8.34	127	278821	14.938	ng		99
34) Hexachlorobutadiene	8.39	225	358231	39.861	ng		97
35) Caprolactam	8.71	113	171864	39.239	ng	#	80
36) 4-Chloro-3-methylphenol	8.82	107	586761	39.227	ng		100
37) 2-Methylnaphthalene	8.98	142	1222757	41.319	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.14	216	555002	44.871	ng		98
40) Hexachlorocyclopentadiene	9.12	237	35382	5.627	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.26	196	356699	45.054	ng		97
43) 2,4,5-Trichlorophenol	9.31	196	370567	44.784	ng		94
45) 1,1'-Biphenyl	9.44	154	1428846	44.231	ng		99
46) 2-Chloronaphthalene	9.47	162	1034207	41.884	ng		99
47) 2-Nitroaniline	9.57	65	404866	56.243	ng		95
48) Acenaphthylene	9.89	152	1636945	44.132	ng		98
49) Dimethylphthalate	9.74	163	1445354	51.715	ng		98
50) 2,6-Dinitrotoluene	9.81	165	238213	42.930	ng		96
51) Acenaphthene	10.06	154	949449	40.853	ng		98
52) 3-Nitroaniline	9.98	138	306552	45.412	ng		96
53) 2,4-Dinitrophenol	10.10	184	7819	12.311	ng	#	70
54) Dibenzofuran	10.23	168	1404367	41.046	ng		98
55) 4-Nitrophenol	10.15	139	406356	80.401	ng		96
56) 2,4-Dinitrotoluene	10.21	165	282589	42.190	ng		96
57) Fluorene	10.58	166	1077465	44.142	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.35	232	313786	45.566	ng	#	86
59) Diethylphthalate	10.44	149	1264490	43.321	ng		96
60) 4-Chlorophenyl-phenylether	10.56	204	546777	39.624	ng		95
61) 4-Nitroaniline	10.60	138	316319	55.773	ng		97
62) Azobenzene	10.72	77	1037272	37.898	ng		92
64) 4,6-Dinitro-2-methylphenol	10.62	198	10079	11.143	ng	#	84
65) n-Nitrosodiphenylamine	10.68	169	983703	41.695	ng		99
66) 4-Bromophenyl-phenylether	11.05	248	321586	39.326	ng	#	90
67) Hexachlorobenzene	11.12	284	346514	38.511	ng	#	90
68) Atrazine	11.21	200	294903	40.939	ng		96
69) Pentachlorophenol	11.32	266	372589	66.295	ng		99
70) Phenanthrene	11.54	178	1576942	46.584	ng		99
71) Anthracene	11.60	178	1560757	45.792	ng		98
72) Carbazole	11.75	167	1540111	43.453	ng		99
73) Di-n-butylphthalate	12.07	149	1746105	49.237	ng		99
74) Fluoranthene	12.74	202	1880120	51.758	ng		96
76) Benzidine	12.86	184	1001669	68.930	ng		98
77) Pyrene	12.97	202	1936664	56.110	ng		98
79) Butylbenzylphthalate	13.57	149	788929	53.150	ng		95
80) Benzo(a)anthracene	14.16	228	1388024	46.939	ng		97
81) 3,3'-Dichlorobenzidine	14.12	252	452993	55.128	ng	#	98
82) Chrysene	14.20	228	1325407	46.660	ng		98
83) Bis(2-ethylhexyl)phthalate	14.12	149	1056011	50.421	ng		99
84) Di-n-octyl phthalate	14.75	149	1694415	52.048	ng		100
85) Indeno(1,2,3-cd)pyrene	17.30	276	1011810	42.028	ng		94
87) Benzo(b)fluoranthene	15.25	252	1025662	46.145	ng		97
88) Benzo(k)fluoranthene	15.28	252	958504	44.016	ng		99
89) Benzo(a)pyrene	15.65	252	936549	46.064	ng		97
90) Dibenzo(a,h)anthracene	17.32	278	821565	46.746	ng		96
91) Benzo(g,h,i)perylene	17.78	276	846136	48.808	ng		94

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

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