Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101818\
Data File : BF109973.D
Acq On : 18 Oct 2018 21:52
Operator : JU/SJ
Sample : J5571-04MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
MW-1MSD

Manual Integrations APPROVED
Sohil
10/19/2018 12:15:01 PM

Quant Time: Oct 19 04:58:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF101518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 16 14:58:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	169805	20.00	ng		0.00
21) Naphthalene-d8	8.26	136	620278	20.00	ng		0.00
39) Acenaphthene-d10	10.02	164	259116	20.00	ng		0.00
64) Phenanthrene-d10	11.52	188	404178	20.00	ng		0.00
76) Chrysene-d12	14.16	240	326287	20.00	ng		0.00
87) Perylene-d12	15.68	264	374869	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	559356	52.22	ng		0.00
7) Phenol-d6	6.59	99	432434	32.51	ng		-0.01
23) Nitrobenzene-d5	7.54	82	902753	98.04	ng		-0.01
42) 2,4,6-Tribromophenol	10.82	330	285740	127.37	ng		0.00
45) 2-Fluorobiphenyl	9.34	172	1516739	93.40	ng		0.00
79) Terphenyl-d14	13.10	244	1152188	74.15	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.86	88	59383	9.760	ng		91
3) Pyridine	3.64	79	91605	6.753	ng		89
4) n-Nitrosodimethylamine	3.57	42	76656	13.853	ng	#	96
6) Aniline	6.64	93	143656	8.014	ng	#	51
8) 2-Chlorophenol	6.76	128	367148	30.597	ng		96
9) Benzaldehyde	6.53	77	166918	19.310	ng		95
10) Phenol	6.60	94	197887	13.779	ng	#	61
11) bis(2-Chloroethyl)ether	6.70	93	425589	35.442	ng		93
12) 1,3-Dichlorobenzene	6.92	146	486737	36.992	ng		99
13) 1,4-Dichlorobenzene	6.99	146	492851	37.193	ng		98
14) 1,2-Dichlorobenzene	7.15	146	452810	37.108	ng		98
15) Benzyl Alcohol	7.11	79	209061	20.429	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.25	45	704449	35.742	ng		68
17) 2-Methylphenol	7.22	107	234597	24.245	ng	#	82
18) Hexachloroethane	7.49	117	267467	57.116	ng		96
19) n-Nitroso-di-n-propylamine	7.38	70	302935	35.469	ng		95
20) 3+4-Methylphenols	7.37	107	264734	21.561	ng		93
22) Acetophenone	7.38	105	602363	41.875	ng		98
24) Nitrobenzene	7.56	77	459850	45.972	ng		96
25) Isophorone	7.79	82	796360	44.016	ng		97
26) 2-Nitrophenol	7.87	139	227119	54.762	ng		92
27) 2,4-Dimethylphenol	7.90	122	346256	39.733	ng		96
28) bis(2-Chloroethoxy)methane	8.00	93	513516	41.357	ng		98
29) 2,4-Dichlorophenol	8.11	162	328889	38.904	ng		98
30) 1,2,4-Trichlorobenzene	8.20	180	389080	41.104	ng		94
31) Naphthalene	8.29	128	1411890	49.638	ng		99
32) Benzoic acid	8.01	122	90513	16.670	ng		96
33) 4-Chloroaniline	8.33	127	73629	5.759	ng		97
34) Hexachlorobutadiene	8.39	225	216135	41.408	ng		100
35) Caprolactam	8.69	113	1315	0.438	ng	#	1
36) 4-Chloro-3-methylphenol	8.80	107	296052	33.196	ng		96
37) 2-Methylnaphthalene	8.97	142	1021254	55.448	ng		99
38) 1-Methylnaphthalene	9.07	142	1093794m	61.287	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.14	216	350414	43.906	ng	#	96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.13	237	436226	113.243	ng		99
43) 2,4,6-Trichlorophenol	9.25	196	219562	43.996	ng		96
44) 2,4,5-Trichlorophenol	9.29	196	221301	42.726	ng		94
46) 1,1'-Biphenyl	9.44	154	980597	42.475	ng		100
47) 2-Chloronaphthalene	9.47	162	725771	42.679	ng		98
48) 2-Nitroaniline	9.56	65	203106	46.541	ng		90
49) Acenaphthylene	9.89	152	1097786	44.437	ng		97
50) Dimethylphthalate	9.74	163	792304	43.183	ng		99
51) 2,6-Dinitrotoluene	9.80	165	172995	49.642	ng		85
52) Acenaphthene	10.06	154	800486	50.896	ng		98
53) 3-Nitroaniline	9.97	138	48347	11.405	ng	#	83
54) 2,4-Dinitrophenol	10.07	184	143951	124.137	ng		91
55) Dibenzofuran	10.23	168	989076	44.096	ng		98
56) 4-Nitrophenol	10.13	139	102088	31.562	ng		95
57) 2,4-Dinitrotoluene	10.20	165	226134	51.048	ng	#	86
58) Fluorene	10.57	166	808358	49.507	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.35	232	178606	43.511	ng	#	91
60) Diethylphthalate	10.43	149	723889	39.946	ng		99
61) 4-Chlorophenyl-phenylether	10.56	204	353638	41.578	ng		96
62) 4-Nitroaniline	10.59	138	106921	26.645	ng		95
63) Azobenzene	10.72	77	711991	37.609	ng		95
65) 4,6-Dinitro-2-methylphenol	10.61	198	97565	63.563	ng		79
66) n-Nitrosodiphenylamine	10.68	169	614583	45.655	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	199715	45.595	ng	#	89
68) Hexachlorobenzene	11.12	284	208490	44.635	ng		97
69) Atrazine	11.23	200	117571	27.960	ng		95
70) Pentachlorophenol	11.32	266	216464	81.431	ng		97
71) Phenanthrene	11.54	178	970759	46.393	ng		99
72) Anthracene	11.59	178	973747	46.288	ng		99
73) Carbazole	11.74	167	842439	40.747	ng		99
74) Di-n-butylphthalate	12.07	149	1008777	43.720	ng		99
75) Fluoranthene	12.73	202	906758	43.379	ng		99
77) Benzidine	12.82	184	1048	0.084	ng	#	1
78) Pyrene	12.96	202	909800	37.964	ng		98
80) Butylbenzylphthalate	13.57	149	425597	43.927	ng		98
81) Benzo(a)anthracene	14.15	228	888944	46.253	ng		100
82) 3,3'-Dichlorobenzidine	14.10	252	370	0.055	ng	#	23
83) Chrysene	14.19	228	832296	45.496	ng		99
84) Bis(2-ethylhexyl)phthalate	14.12	149	614029	48.164	ng		95
85) Di-n-octyl phthalate	14.74	149	1083351	60.274	ng		99
86) Indeno(1,2,3-cd)pyrene	17.26	276	1155125	78.424	ng	#	95
88) Benzo(b)fluoranthene	15.23	252	961644	44.496	ng		97
89) Benzo(k)fluoranthene	15.26	252	871235	40.899	ng		98
90) Benzo(a)pyrene	15.62	252	919796	46.274	ng		97
91) Dibenzo(a,h)anthracene	17.27	278	948804	53.862	ng		97
92) Benzo(g,h,i)perylene	17.73	276	987752	55.498	ng	#	95

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

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