Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100217\
Data File : BF099004.D
Acq On : 2 Oct 2017 17:21
Operator : SJ/JU
Sample : I5534-03MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-114-1(10-16)MSD

Manual Integrations APPROVED

Quant Time: Oct 03 12:01:34 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 23 13:50:58 2017
Response via : Initial Calibration

Sohil

10/3/2017 6:50:41 PM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	146892	20.00	ng		-0.02
21) Naphthalene-d8	8.19	136	589694	20.00	ng		-0.02
38) Acenaphthene-d10	9.95	164	253611	20.00	ng		-0.02
63) Phenanthrene-d10	11.43	188	401652	20.00	ng		-0.02
75) Chrysene-d12	14.07	240	242039	20.00	ng		-0.02
86) Perylene-d12	15.56	264	246074	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.53	112	974624	105.62	ng		0.00
7) Phenol-d6	6.53	99	1173029	103.05	ng		-0.01
23) Nitrobenzene-d5	7.47	82	717292	78.01	ng		-0.02
41) 2,4,6-Tribromophenol	10.73	330	207069	99.78	ng		-0.02
44) 2-Fluorobiphenyl	9.26	172	1130379	74.41	ng		-0.02
78) Terphenyl-d14	13.01	244	763883	71.77	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	135468	30.733	ng		97
3) Pyridine	3.55	79	380856	31.940	ng		97
4) n-Nitrosodimethylamine	3.50	42	167593	33.145	ng		93
6) Aniline	6.57	93	404940	26.358	ng		97
8) 2-Chlorophenol	6.69	128	350497	33.541	ng		95
9) Benzaldehyde	6.46	77	178883	27.091	ng		94
10) Phenol	6.55	94	451765	35.486	ng		99
11) bis(2-Chloroethyl)ether	6.64	93	342542	34.611	ng		99
12) 1,3-Dichlorobenzene	6.85	146	364738	33.328	ng		98
13) 1,4-Dichlorobenzene	6.92	146	372641	33.467	ng		98
14) 1,2-Dichlorobenzene	7.07	146	343899	33.426	ng		99
15) Benzyl Alcohol	7.05	79	294389	35.253	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	514428	33.362	ng		98
17) 2-Methylphenol	7.15	107	291524	34.095	ng		98
18) Hexachloroethane	7.42	117	129281	32.302	ng		97
19) n-Nitroso-di-n-propylamine	7.32	70	233199	32.087	ng		94
20) 3+4-Methylphenols	7.30	107	351646	32.510	ng	#	83
22) Acetophenone	7.31	105	474753	33.229	ng	#	98
24) Nitrobenzene	7.49	77	357716	34.294	ng		97
25) Isophorone	7.72	82	657121	34.565	ng		99
26) 2-Nitrophenol	7.80	139	189775	37.834	ng		96
27) 2,4-Dimethylphenol	7.83	122	320868	33.873	ng		98
28) bis(2-Chloroethoxy)methane	7.93	93	423828	35.773	ng		99
29) 2,4-Dichlorophenol	8.04	162	277838	34.162	ng		99
30) 1,2,4-Trichlorobenzene	8.13	180	282344	34.710	ng		98
31) Naphthalene	8.21	128	983382	35.507	ng		99
33) 4-Chloroaniline	8.25	127	273954	23.687	ng		99
34) Hexachlorobutadiene	8.32	225	140004	33.416	ng		98
35) Caprolactam	8.62	113	75647m	28.996	ng		
36) 4-Chloro-3-methylphenol	8.73	107	287144	31.411	ng		95
37) 2-Methylnaphthalene	8.90	142	657269	36.506	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.06	216	249082	32.933	ng		99
40) Hexachlorocyclopentadiene	9.05	237	229859	66.501	ng		99
42) 2,4,6-Trichlorophenol	9.17	196	178307	33.278	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.22	196	182969	34.208	ng		96
45) 1,1'-Biphenyl	9.36	154	730736	33.526	ng		100
46) 2-Chloronaphthalene	9.39	162	572841	35.004	ng		99
47) 2-Nitroaniline	9.49	65	177132	35.349	ng		95
48) Acenaphthylene	9.80	152	865135	34.533	ng		100
49) Dimethylphthalate	9.66	163	824553	43.077	ng		100
50) 2,6-Dinitrotoluene	9.73	165	145390	34.889	ng		88
51) Acenaphthene	9.98	154	515980	32.514	ng		99
52) 3-Nitroaniline	9.89	138	134244	27.628	ng		97
53) 2,4-Dinitrophenol	10.00	184	9768	10.002	ng		94
54) Dibenzofuran	10.15	168	760423	35.989	ng		99
55) 4-Nitrophenol	10.05	139	205327	49.976	ng		94
56) 2,4-Dinitrotoluene	10.13	165	186444	34.474	ng		96
57) Fluorene	10.49	166	573413	33.764	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.26	232	123344	33.382	ng		97
59) Diethylphthalate	10.36	149	606548	32.429	ng		100
60) 4-Chlorophenyl-phenylether	10.48	204	252282	33.070	ng		99
61) 4-Nitroaniline	10.51	138	144474	30.820	ng		92
62) Azobenzene	10.64	77	593910	34.535	ng		98
64) 4,6-Dinitro-2-methylphenol	10.54	198	43333	17.732	ng	#	77
65) n-Nitrosodiphenylamine	10.60	169	513721	36.920	ng		99
66) 4-Bromophenyl-phenylether	10.97	248	143118	36.403	ng		97
67) Hexachlorobenzene	11.04	284	140864	33.547	ng		97
68) Atrazine	11.12	200	146716	35.046	ng		99
69) Pentachlorophenol	11.23	266	118198	45.229	ng		98
70) Phenanthrene	11.46	178	869940	40.464	ng		99
71) Anthracene	11.51	178	793935	36.091	ng		100
72) Carbazole	11.66	167	713050	33.101	ng		99
73) Di-n-butylphthalate	11.98	149	846994m	32.666	ng		
74) Fluoranthene	12.64	202	800580	36.774	ng		99
76) Benzidine	12.76	184	292294	32.651	ng		97
77) Pyrene	12.87	202	778753	42.194	ng		99
79) Butylbenzylphthalate	13.48	149	303157	34.950	ng		98
80) Benzo(a)anthracene	14.06	228	555357	37.893	ng		99
81) 3,3'-Dichlorobenzidine	14.02	252	134965	25.120	ng		98
82) Chrysene	14.10	228	507324	36.359	ng		99
83) Bis(2-ethylhexyl)phthalate	14.04	149	421579	35.297	ng		99
84) Di-n-octyl phthalate	14.65	149	699045	36.348	ng		97
85) Indeno(1,2,3-cd)pyrene	17.07	276	593987	53.216	ng		97
87) Benzo(b)fluoranthene	15.12	252	511948	33.837	ng		97
88) Benzo(k)fluoranthene	15.15	252	486115	32.530	ng		99
89) Benzo(a)pyrene	15.50	252	496691	35.764	ng		97
90) Dibenzo(a,h)anthracene	17.09	278	480819	43.261	ng		97
91) Benzo(g,h,i)perylene	17.53	276	508572	46.291	ng		94

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

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