Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100518\
Data File : BF109612.D
Acq On : 5 Oct 2018 15:08
Operator : JU/SJ
Sample : J5223-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSSI-1001-S-DH-02MS

Quant Time: Oct 05 15:40:08 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	82578	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	322478	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	154515	20.00	ng		0.00
63) Phenanthrene-d10	11.21	188	294157	20.00	ng		0.00
75) Chrysene-d12	13.84	240	218636	20.00	ng		0.00
86) Perylene-d12	15.24	264	227153	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	495934	98.92	ng		0.01
7) Phenol-d6	6.36	99	640060	100.05	ng		0.00
23) Nitrobenzene-d5	7.27	82	420205	76.92	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	164144	107.76	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	717554	70.04	ng		-0.02
78) Terphenyl-d14	12.79	244	643578	72.24	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	54687	23.684	ng		93
3) Pyridine	3.13	79	132293	22.261	ng		92
4) n-Nitrosodimethylamine	3.05	42	62038	24.530	ng		95
6) Aniline	6.37	93	82709	10.105	ng	#	1
8) 2-Chlorophenol	6.49	128	171155	30.699	ng		97
9) Benzaldehyde	6.25	77	70522	17.159	ng		95
10) Phenol	6.37	94	208451	28.772	ng		80
11) bis(2-Chloroethyl)ether	6.44	93	161818	28.544	ng		95
12) 1,3-Dichlorobenzene	6.65	146	179075	27.897	ng		99
13) 1,4-Dichlorobenzene	6.72	146	191376	29.593	ng		98
14) 1,2-Dichlorobenzene	6.87	146	170179	28.526	ng		98
15) Benzyl Alcohol	6.85	79	143978	29.401	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.98	45	221540	27.550	ng		54
17) 2-Methylphenol	6.97	107	131678	29.189	ng	#	88
18) Hexachloroethane	7.22	117	66996	29.405	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	123331	29.420	ng		98
20) 3+4-Methylphenols	7.13	107	171120	31.418	ng		94
22) Acetophenone	7.11	105	248137	33.282	ng		99
24) Nitrobenzene	7.29	77	178714	30.768	ng		100
25) Isophorone	7.52	82	331441	33.693	ng		96
26) 2-Nitrophenol	7.60	139	85958	37.421	ng		99
27) 2,4-Dimethylphenol	7.65	122	146693	34.224	ng		98
28) bis(2-Chloroethoxy)methane	7.74	93	216989	33.322	ng		98
29) 2,4-Dichlorophenol	7.85	162	146803	32.598	ng		97
30) 1,2,4-Trichlorobenzene	7.93	180	150355	29.879	ng		97
31) Naphthalene	8.00	128	505619	33.553	ng		99
32) Benzoic acid	7.65	122	146693	50.028	ng	#	15
33) 4-Chloroaniline	8.06	127	70698	10.739	ng		98
34) Hexachlorobutadiene	8.13	225	90979	29.990	ng		98
35) Caprolactam	8.41	113	40616	28.249	ng	#	82
36) 4-Chloro-3-methylphenol	8.55	107	156021	32.924	ng		99
37) 2-Methylnaphthalene	8.70	142	335131	34.498	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	156226	31.769	ng		98
40) Hexachlorocyclopentadiene	8.85	237	75100	35.014	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	94273	29.870	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	105725	31.718	ng	#	94
45) 1,1'-Biphenyl	9.16	154	410055	32.572	ng		98
46) 2-Chloronaphthalene	9.18	162	312163	31.038	ng		98
47) 2-Nitroaniline	9.28	65	98996	34.718	ng		95
48) Acenaphthylene	9.59	152	503283	33.171	ng		100
49) Dimethylphthalate	9.46	163	639813	56.931	ng		99
50) 2,6-Dinitrotoluene	9.52	165	78962	35.476	ng		93
51) Acenaphthene	9.77	154	289514	31.561	ng		98
52) 3-Nitroaniline	9.69	138	63556	24.657	ng		97
53) 2,4-Dinitrophenol	9.81	184	3342	12.286	ng	#	86
54) Dibenzofuran	9.94	168	430983	31.592	ng		97
55) 4-Nitrophenol	9.87	139	91378	47.059	ng		93
56) 2,4-Dinitrotoluene	9.93	165	104439	37.084	ng	#	98
57) Fluorene	10.28	166	333619	34.275	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.06	232	78718	29.826	ng	#	89
59) Diethylphthalate	10.16	149	375572	33.001	ng		98
60) 4-Chlorophenyl-phenylether	10.27	204	162302	31.924	ng		93
61) 4-Nitroaniline	10.30	138	83516	33.223	ng		97
62) Azobenzene	10.43	77	358647	30.332	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	10974	14.575	ng		85
65) n-Nitrosodiphenylamine	10.39	169	312470	32.151	ng		97
66) 4-Bromophenyl-phenylether	10.76	248	104334	31.941	ng		91
67) Hexachlorobenzene	10.83	284	109379	31.529	ng	#	84
68) Atrazine	10.92	200	103615	34.665	ng		96
69) Pentachlorophenol	11.03	266	54122	26.066	ng		99
70) Phenanthrene	11.23	178	474136	32.282	ng		99
71) Anthracene	11.29	178	503752	33.816	ng		99
72) Carbazole	11.45	167	443863	29.947	ng		99
73) Di-n-butylphthalate	11.77	149	593271	34.770	ng		99
74) Fluoranthene	12.42	202	492306	31.365	ng		96
76) Benzidine	12.54	184	109826	13.932	ng		98
77) Pyrene	12.65	202	481943	30.757	ng		99
79) Butylbenzylphthalate	13.27	149	229895	34.486	ng		94
80) Benzo(a)anthracene	13.83	228	404094	30.685	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	86899	17.363	ng		98
82) Chrysene	13.87	228	414334	31.743	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	306263	36.428	ng		99
84) Di-n-octyl phthalate	14.43	149	540652	37.611	ng		97
85) Indeno(1,2,3-cd)pyrene	16.60	276	380477	35.962	ng	#	92
87) Benzo(b)fluoranthene	14.84	252	391849	31.393	ng		98
88) Benzo(k)fluoranthene	14.87	252	394185	33.281	ng	#	97
89) Benzo(a)pyrene	15.19	252	379882	33.776	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	319493	34.625	ng	#	95
91) Benzo(g,h,i)perylene	17.00	276	300825	33.172	ng	#	91

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

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