Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111318\
Data File : BF110723.D
Acq On : 13 Nov 2018 17:09
Operator : JU/SJ
Sample : J5910-07MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : W-4-DMSD

Manual Integrations APPROVED
Sohil
11/14/2018 1:48:39 PM

Quant Time: Nov 13 18:37:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 09 15:13:13 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	88332	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	363061	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	169222	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	290604	20.00	ng		0.00
76) Chrysene-d12	14.13	240	162218	20.00	ng		0.00
87) Perylene-d12	15.66	264	171371	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	676254	124.35	ng		0.01
7) Phenol-d6	6.58	99	873364	125.59	ng		0.00
23) Nitrobenzene-d5	7.52	82	551845	87.53	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	206331	121.01	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	998417	84.26	ng		0.00
79) Terphenyl-d14	13.06	244	744013	85.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	83733	30.903	ng		90
3) Pyridine	3.62	79	220534	37.707	ng		86
4) n-Nitrosodimethylamine	3.58	42	126082	50.242	ng		88
6) Aniline	6.62	93	279672	30.839	ng	#	54
8) 2-Chlorophenol	6.73	128	275339	43.190	ng		99
9) Benzaldehyde	6.50	77	157146	42.868	ng		95
10) Phenol	6.59	94	435409	53.998	ng	#	66
11) bis(2-Chloroethyl)ether	6.68	93	256855	42.505	ng		92
12) 1,3-Dichlorobenzene	6.89	146	280318	40.188	ng		98
13) 1,4-Dichlorobenzene	6.96	146	288681	40.756	ng		98
14) 1,2-Dichlorobenzene	7.12	146	271761	41.243	ng		99
15) Benzyl Alcohol	7.09	79	241861	44.444	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.21	45	403396	42.507	ng		73
17) 2-Methylphenol	7.20	107	220502	43.461	ng	#	86
18) Hexachloroethane	7.45	117	106146	40.592	ng		94
19) n-Nitroso-di-n-propylamine	7.36	70	188579	42.483	ng		96
20) 3+4-Methylphenols	7.35	107	278371	42.741	ng	#	82
22) Acetophenone	7.36	105	378316	44.711	ng	#	94
24) Nitrobenzene	7.53	77	287901	44.573	ng		95
25) Isophorone	7.76	82	521931	50.512	ng		98
26) 2-Nitrophenol	7.85	139	146131	45.350	ng		97
27) 2,4-Dimethylphenol	7.87	122	249749	50.892	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	326713	46.700	ng		99
29) 2,4-Dichlorophenol	8.09	162	230488	45.645	ng		98
30) 1,2,4-Trichlorobenzene	8.17	180	241589	42.434	ng		96
31) Naphthalene	8.25	128	791038	46.412	ng		100
32) Benzoic acid	7.99	122	54893	15.809	ng		87
33) 4-Chloroaniline	8.30	127	181354	23.491	ng		99
34) Hexachlorobutadiene	8.35	225	131589	40.466	ng		99
35) Caprolactam	8.68	113	78673m	46.634	ng		
36) 4-Chloro-3-methylphenol	8.78	107	250835	46.059	ng		96
37) 2-Methylnaphthalene	8.94	142	544615	48.744	ng		99
38) 1-Methylnaphthalene	9.04	142	506783	47.164	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	226942	42.367	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	138146	67.478	ng		98
43) 2,4,6-Trichlorophenol	9.22	196	152523	45.312	ng		95
44) 2,4,5-Trichlorophenol	9.26	196	162766	45.332	ng		93
46) 1,1'-Biphenyl	9.40	154	659327	41.767	ng		100
47) 2-Chloronaphthalene	9.43	162	493948	43.432	ng		99
48) 2-Nitroaniline	9.53	65	159119	45.402	ng		97
49) Acenaphthylene	9.85	152	766341	46.790	ng		99
50) Dimethylphthalate	9.70	163	713455	56.503	ng		100
51) 2,6-Dinitrotoluene	9.77	165	126646	45.594	ng		99
52) Acenaphthene	10.02	154	458499	44.297	ng		98
53) 3-Nitroaniline	9.95	138	98604	30.641	ng		94
54) 2,4-Dinitrophenol	10.06	184	60072	55.801	ng		95
55) Dibenzofuran	10.20	168	661304	43.669	ng		95
56) 4-Nitrophenol	10.12	139	171600	80.377	ng		94
57) 2,4-Dinitrotoluene	10.19	165	163227	45.195	ng		97
58) Fluorene	10.54	166	536028	46.083	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	129268m	45.765	ng		
60) Diethylphthalate	10.40	149	569593	45.597	ng		100
61) 4-Chlorophenyl-phenylether	10.52	204	255286	42.388	ng		97
62) 4-Nitroaniline	10.57	138	122945	37.940	ng		95
63) Azobenzene	10.69	77	531023	43.570	ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	54336	37.099	ng		88
66) n-Nitrosodiphenylamine	10.65	169	462547	47.221	ng		98
67) 4-Bromophenyl-phenylether	11.02	248	145612	45.337	ng		91
68) Hexachlorobenzene	11.09	284	150926	44.571	ng	#	88
69) Atrazine	11.17	200	143459	47.899	ng		98
70) Pentachlorophenol	11.29	266	132516	73.342	ng		99
71) Phenanthrene	11.51	178	721448	46.339	ng		99
72) Anthracene	11.56	178	743339	47.330	ng		99
73) Carbazole	11.72	167	615431	40.803	ng		99
74) Di-n-butylphthalate	12.02	149	811892	45.902	ng		99
75) Fluoranthene	12.70	202	612942	39.268	ng		100
77) Benzidine	12.82	184	77145	17.293	ng		96
78) Pyrene	12.93	202	589717	47.214	ng		98
80) Butylbenzylphthalate	13.53	149	253460	47.147	ng		99
81) Benzo(a)anthracene	14.12	228	451681	46.585	ng		100
82) 3,3'-Dichlorobenzidine	14.07	252	117908	36.301	ng		98
83) Chrysene	14.16	228	425516	46.065	ng		99
84) Bis(2-ethylhexyl)phthalate	14.07	149	325176	48.759	ng		98
85) Di-n-octyl phthalate	14.69	149	550989	56.183	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	510242	76.975	ng		96
88) Benzo(b)fluoranthene	15.20	252	435934	42.522	ng		99
89) Benzo(k)fluoranthene	15.23	252	442186	43.650	ng		98
90) Benzo(a)pyrene	15.59	252	440716	47.314	ng		98
91) Dibenzo(a,h)anthracene	17.24	278	426822	54.148	ng		99
92) Benzo(g,h,i)perylene	17.71	276	413354	52.852	ng		97

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

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