Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111218\
Data File : BF110679.D
Acq On : 12 Nov 2018 17:27
Operator : JU/SJ
Sample : J5269-10MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-12-DMSD

Manual Integrations APPROVED
Sohil
11/13/2018 11:16:28 AM

Quant Time: Nov 13 05:47:33 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	88599	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	370850	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	180775	20.00	ng		0.00
64) Phenanthrene-d10	11.48	188	332279	20.00	ng		0.00
76) Chrysene-d12	14.13	240	203237	20.00	ng		0.00
87) Perylene-d12	15.66	264	162873	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.58	112	539490	98.91	ng		0.02
7) Phenol-d6	6.57	99	641997	92.04	ng		0.00
23) Nitrobenzene-d5	7.52	82	492655	76.50	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	198429	108.94	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	943217	74.52	ng		0.00
79) Terphenyl-d14	13.06	244	879686	81.06	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.96	88	81181	29.871	ng	#	72
3) Pyridine	3.69	79	209163	35.655	ng	#	85
4) n-Nitrosodimethylamine	3.63	42	121329	48.202	ng		92
6) Aniline	6.62	93	70728	7.776	ng	#	59
8) 2-Chlorophenol	6.73	128	273072	42.706	ng		98
9) Benzaldehyde	6.50	77	173318	49.121	ng		95
10) Phenol	6.59	94	281737	34.835	ng	#	63
11) bis(2-Chloroethyl)ether	6.68	93	254704	42.022	ng		94
12) 1,3-Dichlorobenzene	6.89	146	272615	38.965	ng		99
13) 1,4-Dichlorobenzene	6.96	146	278271	39.168	ng		98
14) 1,2-Dichlorobenzene	7.12	146	267459	40.468	ng		100
15) Benzyl Alcohol	7.09	79	240485	44.058	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.21	45	398904	41.907	ng		77
17) 2-Methylphenol	7.20	107	219090	43.052	ng	#	84
18) Hexachloroethane	7.45	117	103756	39.559	ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	193853	43.539	ng		95
20) 3+4-Methylphenols	7.35	107	277381	42.461	ng	#	71
22) Acetophenone	7.36	105	389724	45.092	ng	#	94
24) Nitrobenzene	7.53	77	296443	44.931	ng		93
25) Isophorone	7.77	82	539665	51.132	ng		95
26) 2-Nitrophenol	7.85	139	149315	45.365	ng		95
27) 2,4-Dimethylphenol	7.87	122	252920	50.456	ng		99
28) bis(2-Chloroethoxy)methane	7.97	93	335126	46.896	ng		99
29) 2,4-Dichlorophenol	8.09	162	240426	46.613	ng		99
30) 1,2,4-Trichlorobenzene	8.17	180	248818	42.786	ng		96
31) Naphthalene	8.25	128	813810	46.745	ng		99
32) Benzoic acid	7.99	122	69312m	19.543	ng		
33) 4-Chloroaniline	8.30	127	43653	5.536	ng		97
34) Hexachlorobutadiene	8.35	225	133614	40.225	ng		99
35) Caprolactam	8.68	113	54795m	31.798	ng		
36) 4-Chloro-3-methylphenol	8.79	107	258962	46.553	ng		95
37) 2-Methylnaphthalene	8.94	142	571394	50.066	ng		99
38) 1-Methylnaphthalene	9.04	142	537981m	49.016	ng		
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	239495	41.853	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.09	237	172477	77.577	ng		99
43) 2,4,6-Trichlorophenol	9.22	196	164788	45.827	ng		94
44) 2,4,5-Trichlorophenol	9.27	196	172489	44.970	ng		95
46) 1,1'-Biphenyl	9.40	154	705004	41.806	ng		100
47) 2-Chloronaphthalene	9.43	162	531977	43.787	ng		98
48) 2-Nitroaniline	9.53	65	167434	44.722	ng		97
49) Acenaphthylene	9.85	152	833729	47.651	ng		98
50) Dimethylphthalate	9.70	163	625973	46.406	ng		99
51) 2,6-Dinitrotoluene	9.77	165	137622	46.380	ng		97
52) Acenaphthene	10.02	154	505863	45.750	ng		99
53) 3-Nitroaniline	9.95	138	37784	10.991	ng		99
54) 2,4-Dinitrophenol	10.06	184	55262	48.705	ng		93
55) Dibenzofuran	10.20	168	718689	44.425	ng		97
56) 4-Nitrophenol	10.12	139	164475	72.116	ng		96
57) 2,4-Dinitrotoluene	10.19	165	181878	47.141	ng		97
58) Fluorene	10.54	166	596370	47.994	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.32	232	140794	46.660	ng		94
60) Diethylphthalate	10.40	149	623690	46.736	ng		99
61) 4-Chlorophenyl-phenylether	10.53	204	283132	44.007	ng		96
62) 4-Nitroaniline	10.57	138	137642	39.760	ng		97
63) Azobenzene	10.69	77	589580	45.283	ng		98
65) 4,6-Dinitro-2-methylphenol	10.60	198	52070	31.093	ng		86
66) n-Nitrosodiphenylamine	10.65	169	511467	45.667	ng		96
67) 4-Bromophenyl-phenylether	11.02	248	165712	45.124	ng	#	89
68) Hexachlorobenzene	11.09	284	178837	46.190	ng		94
69) Atrazine	11.17	200	149949	43.787	ng		99
70) Pentachlorophenol	11.29	266	137319	66.468	ng		97
71) Phenanthrene	11.51	178	855223	48.041	ng		99
72) Anthracene	11.56	178	880686	49.042	ng		99
73) Carbazole	11.72	167	728286	42.229	ng		100
74) Di-n-butylphthalate	12.03	149	949361	46.943	ng		99
75) Fluoranthene	12.70	202	825606	46.259	ng		99
77) Benzidine	12.82	184	217118	38.847	ng		98
78) Pyrene	12.93	202	809159	51.708	ng		98
80) Butylbenzylphthalate	13.53	149	351299	52.157	ng		96
81) Benzo(a)anthracene	14.12	228	609534	50.177	ng		99
82) 3,3'-Dichlorobenzidine	14.08	252	19715	4.845	ng		99
83) Chrysene	14.16	228	566463	48.946	ng		98
84) Bis(2-ethylhexyl)phthalate	14.08	149	496238	59.391	ng		97
85) Di-n-octyl phthalate	14.70	149	726612	59.137	ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	518631	62.450	ng		97
88) Benzo(b)fluoranthene	15.20	252	488297	50.115	ng		98
89) Benzo(k)fluoranthene	15.23	252	415259m	43.131	ng		
90) Benzo(a)pyrene	15.60	252	438020	49.478	ng		99
91) Dibenzo(a,h)anthracene	17.24	278	432969	57.793	ng		99
92) Benzo(g,h,i)perylene	17.72	276	439983	59.193	ng		98

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

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