Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112118\
Data File : BF110938.D
Acq On : 21 Nov 2018 19:48
Operator : JU/SJ
Sample : J5981-03MS 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DTW-02(11-13)MS

Manual Integrations APPROVED
mohammad
11/23/2018 11:49:18 AM

Quant Time: Nov 23 02:46:17 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	54553	20.00	ng		0.00
21) Naphthalene-d8	8.23	136	203713	20.00	ng		0.00
39) Acenaphthene-d10	9.99	164	81621	20.00	ng		0.00
64) Phenanthrene-d10	11.49	188	140156	20.00	ng		0.00
76) Chrysene-d12	14.16	240	98514	20.00	ng		0.02
87) Perylene-d12	15.69	264	80585	20.00	ng		0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	109033	32.46	ng		0.00
7) Phenol-d6	6.57	99	136975	31.89	ng		0.00
23) Nitrobenzene-d5	7.51	82	79803	22.56	ng		0.00
42) 2,4,6-Tribromophenol	10.79	330	23915	29.08	ng		0.00
45) 2-Fluorobiphenyl	9.30	172	127747	22.35	ng		0.00
79) Terphenyl-d14	13.07	244	121487	23.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.76	88	10621	6.347	ng	#	85
3) Pyridine	3.60	79	25462	7.049	ng	#	83
4) n-Nitrosodimethylamine	3.55	42	13904	8.971	ng	#	91
6) Aniline	6.61	93	20412	3.645	ng	#	74
8) 2-Chlorophenol	6.73	128	36769	9.339	ng		98
9) Benzaldehyde	6.51	77	15886	4.736	ng		91
10) Phenol	6.59	94	66479	13.349	ng	#	67
11) bis(2-Chloroethyl)ether	6.67	93	34655	9.286	ng		98
12) 1,3-Dichlorobenzene	6.88	146	36969	8.582	ng		97
13) 1,4-Dichlorobenzene	6.96	146	39402	9.007	ng		98
14) 1,2-Dichlorobenzene	7.11	146	36304	8.921	ng		97
15) Benzyl Alcohol	7.09	79	28982	8.623	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.21	45	51608	8.805	ng		83
17) 2-Methylphenol	7.20	107	29395	9.381	ng	#	86
18) Hexachloroethane	7.45	117	9854	6.102	ng		95
19) n-Nitroso-di-n-propylamine	7.34	70	23968	8.743	ng		92
20) 3+4-Methylphenols	7.36	107	50153	12.469	ng	#	70
22) Acetophenone	7.35	105	49803	10.490	ng	#	88
24) Nitrobenzene	7.53	77	36678	10.120	ng		96
25) Isophorone	7.76	82	61394	10.589	ng		98
26) 2-Nitrophenol	7.85	139	13088	7.239	ng		95
27) 2,4-Dimethylphenol	7.87	122	33464	12.153	ng		98
28) bis(2-Chloroethoxy)methane	7.96	93	40298	10.266	ng		99
29) 2,4-Dichlorophenol	8.10	162	26786	9.454	ng		97
30) 1,2,4-Trichlorobenzene	8.17	180	29800	9.329	ng		96
31) Naphthalene	8.25	128	1047711	109.556	ng		100
32) Benzoic acid	8.02	122	5716	2.934	ng	#	30
33) 4-Chloroaniline	8.31	127	20011	4.620	ng		97
34) Hexachlorobutadiene	8.35	225	16576	9.085	ng		98
35) Caprolactam	8.65	113	7439	7.859	ng	#	80
36) 4-Chloro-3-methylphenol	8.79	107	27057	8.855	ng		96
37) 2-Methylnaphthalene	8.94	142	229189	36.558	ng		98
38) 1-Methylnaphthalene	9.04	142	209533	34.754	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.11	216	24982	9.669	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.23	196	15409	9.491	ng		94
44) 2,4,5-Trichlorophenol	9.28	196	16196	9.352	ng		97
46) 1,1'-Biphenyl	9.40	154	173992	22.851	ng		99
47) 2-Chloronaphthalene	9.43	162	53176	9.694	ng		99
48) 2-Nitroaniline	9.54	65	20487	12.120	ng		92
49) Acenaphthylene	9.85	152	895141	113.312	ng		97
50) Dimethylphthalate	9.69	163	83729	13.748	ng	#	99
51) 2,6-Dinitrotoluene	9.77	165	10095	7.535	ng	#	86
52) Acenaphthene	10.02	154	239479	47.969	ng		99
53) 3-Nitroaniline	9.95	138	11732	7.558	ng	#	95
55) Dibenzofuran	10.20	168	753307	103.133	ng		98
56) 4-Nitrophenol	10.14	139	13773	13.375	ng		96
57) 2,4-Dinitrotoluene	10.20	165	13962	8.015	ng	#	1
58) Fluorene	10.55	166	1041992	185.726	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.32	232	12383	9.089	ng	#	76
60) Diethylphthalate	10.39	149	66364	11.014	ng		98
61) 4-Chlorophenyl-phenylether	10.52	204	26082	8.979	ng		96
62) 4-Nitroaniline	10.57	138	15613	9.989	ng		95
63) Azobenzene	10.68	77	54997	9.356	ng	#	82
66) n-Nitrosodiphenylamine	10.64	169	51282	10.855	ng		96
67) 4-Bromophenyl-phenylether	11.02	248	14590	9.419	ng		92
68) Hexachlorobenzene	11.10	284	15146	9.274	ng	#	90
69) Atrazine	11.17	200	15175	10.506	ng		94
70) Pentachlorophenol	11.31	266	9371	10.754	ng	#	87
71) Phenanthrene	11.54	178	4371623	582.197	ng		97
72) Anthracene	11.59	178	1989532	262.659	ng		99
73) Carbazole	11.72	167	481897	66.246	ng		99
74) Di-n-butylphthalate	12.03	149	89183	10.455	ng	#	95
75) Fluoranthene	12.74	202	4654009	618.217	ng		97
77) Benzidine	12.84	184	26796	9.891	ng		98
78) Pyrene	12.97	202	3731227	491.899	ng		98
80) Butylbenzylphthalate	13.53	149	42148	12.910	ng		95
81) Benzo(a)anthracene	14.15	228	1986368	337.343	ng	#	89
82) 3,3'-Dichlorobenzidine	14.10	252	16041	8.132	ng	#	98
83) Chrysene	14.19	228	1394680m	248.616	ng		
84) Bis(2-ethylhexyl)phthalate	14.09	149	60028	14.821	ng	#	94
85) Di-n-octyl phthalate	14.70	149	96065	16.130	ng		97
86) Indeno(1,2,3-cd)pyrene	17.30	276	609652	151.446	ng		96
88) Benzo(b)fluoranthene	15.24	252	1606316m	333.200	ng		
89) Benzo(k)fluoranthene	15.27	252	400135m	83.999	ng		
90) Benzo(a)pyrene	15.64	252	1040359	237.519	ng		97
91) Dibenzo(a,h)anthracene	17.29	278	182843	49.328	ng		94
92) Benzo(g,h,i)perylene	17.79	276	503632	136.943	ng		98

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

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