Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081418\
Data File : BF108149.D
Acq On : 14 Aug 2018 17:14
Operator : JU/SJ
Sample : J4460-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
RA-080918-FL-001MS

Manual Integrations APPROVED
Sohil
8/15/2018 3:38:37 PM

Quant Time: Aug 14 18:41:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	187533	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	663726	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	282339	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	493644	20.00	ng		0.00
75) Chrysene-d12	14.22	240	439244	20.00	ng		0.00
86) Perylene-d12	15.78	264	303061	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	954102	92.11	ng		0.02
7) Phenol-d6	6.64	99	1273111	92.49	ng		0.01
23) Nitrobenzene-d5	7.58	82	778376	65.44	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	256585	91.11	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1281519	72.87	ng		0.00
78) Terphenyl-d14	13.15	244	1266953	73.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.97	88	137137	25.766	ng		89
3) Pyridine	3.73	79	357845	26.100	ng		87
4) n-Nitrosodimethylamine	3.69	42	225780	29.265	ng	#	83
6) Aniline	6.68	93	429601	22.945	ng		98
8) 2-Chlorophenol	6.81	128	377771	32.381	ng		98
9) Benzaldehyde	6.57	77	230432	21.592	ng		94
10) Phenol	6.65	94	463415	32.547	ng		93
11) bis(2-Chloroethyl)ether	6.75	93	365367	31.741	ng		91
12) 1,3-Dichlorobenzene	6.96	146	406042	30.101	ng		98
13) 1,4-Dichlorobenzene	7.04	146	412538	30.439	ng		98
14) 1,2-Dichlorobenzene	7.19	146	384864	30.529	ng		97
15) Benzyl Alcohol	7.15	79	358761	30.960	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	699509	29.498	ng		96
17) 2-Methylphenol	7.26	107	310631	31.049	ng		97
18) Hexachloroethane	7.53	117	129181	26.773	ng		94
19) n-Nitroso-di-n-propylamine	7.42	70	280610	30.146	ng	#	88
20) 3+4-Methylphenols	7.41	107	403139	31.445	ng		97
22) Acetophenone	7.42	105	533078	34.349	ng	#	95
24) Nitrobenzene	7.60	77	406527	33.799	ng		98
25) Isophorone	7.84	82	742985	32.772	ng		98
26) 2-Nitrophenol	7.91	139	159218	35.053	ng		90
27) 2,4-Dimethylphenol	7.94	122	333792	33.173	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	457231	34.547	ng		98
29) 2,4-Dichlorophenol	8.15	162	308938	33.363	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	325563	31.889	ng		96
31) Naphthalene	8.32	128	1006103	33.331	ng		99
32) Benzoic acid	8.00	122	15821	8.347	ng		98
33) 4-Chloroaniline	8.37	127	272883	20.745	ng		97
34) Hexachlorobutadiene	8.44	225	210322	32.542	ng		100
35) Caprolactam	8.72	113	84398m	29.085	ng		
36) 4-Chloro-3-methylphenol	8.84	107	305306	30.563	ng		98
37) 2-Methylnaphthalene	9.02	142	664850	31.132	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	325816	37.578	ng		97
40) Hexachlorocyclopentadiene	9.16	237	63945	11.418	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	205317	38.160	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	215318	36.354	ng		95
45) 1,1'-Biphenyl	9.48	154	786081	37.762	ng		98
46) 2-Chloronaphthalene	9.51	162	588057	35.742	ng		98
47) 2-Nitroaniline	9.60	65	199525	37.480	ng		89
48) Acenaphthylene	9.93	152	907837	34.902	ng		100
49) Dimethylphthalate	9.77	163	849199	43.178	ng	#	99
50) 2,6-Dinitrotoluene	9.84	165	143438	34.859	ng		98
51) Acenaphthene	10.10	154	527800	33.129	ng		100
52) 3-Nitroaniline	10.01	138	133173	29.580	ng		95
53) 2,4-Dinitrophenol	10.12	184	2920	8.751	ng	#	21
54) Dibenzofuran	10.27	168	777121	33.669	ng		99
55) 4-Nitrophenol	10.17	139	194031	56.914	ng		91
56) 2,4-Dinitrotoluene	10.25	165	169297	31.964	ng	#	99
57) Fluorene	10.62	166	604523	33.086	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.39	232	160909	32.504	ng	#	85
59) Diethylphthalate	10.47	149	658307	34.567	ng		97
60) 4-Chlorophenyl-phenylether	10.60	204	308392	32.392	ng		96
61) 4-Nitroaniline	10.62	138	135210	30.377	ng		93
62) Azobenzene	10.77	77	613976	31.217	ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	7247	8.832	ng		92
65) n-Nitrosodiphenylamine	10.72	169	543516	37.259	ng		96
66) 4-Bromophenyl-phenylether	11.10	248	184806	34.449	ng		89
67) Hexachlorobenzene	11.17	284	186610	33.061	ng	#	90
68) Atrazine	11.24	200	176184	36.009	ng		96
69) Pentachlorophenol	11.36	266	168935	62.530	ng		97
70) Phenanthrene	11.59	178	948642	40.743	ng		99
71) Anthracene	11.64	178	872762	36.573	ng		99
72) Carbazole	11.79	167	766636	36.158	ng		99
73) Di-n-butylphthalate	12.11	149	914480	38.079	ng		99
74) Fluoranthene	12.78	202	1067758	42.019	ng		96
76) Benzidine	12.90	184	535933	32.656	ng		97
77) Pyrene	13.02	202	1062656	38.213	ng		99
79) Butylbenzylphthalate	13.62	149	397507	35.998	ng	#	98
80) Benzo(a)anthracene	14.21	228	918753	36.447	ng		99
81) 3,3'-Dichlorobenzidine	14.17	252	299101	33.109	ng	#	98
82) Chrysene	14.25	228	824142	35.661	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	548998	36.714	ng		99
84) Di-n-octyl phthalate	14.79	149	962960	42.225	ng		96
85) Indeno(1,2,3-cd)pyrene	17.41	276	491954	24.568	ng	#	92
87) Benzo(b)fluoranthene	15.31	252	718974m	39.702	ng		
88) Benzo(k)fluoranthene	15.34	252	577228	34.675	ng	#	96
89) Benzo(a)pyrene	15.71	252	569669	35.130	ng		98
90) Dibenzo(a,h)anthracene	17.42	278	406707	30.312	ng	#	95
91) Benzo(g,h,i)perylene	17.91	276	412966	31.257	ng	#	92

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

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