Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098256.D
Acq On : 2 Sep 2017 20:04
Operator : SJ/JU
Sample : I5066-01MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CF-1MS

Manual Integrations APPROVED
mohammad
9/5/2017 4:55:12 PM

Quant Time: Sep 04 08:11:37 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	105530	20.00	ng		-0.04
21) Naphthalene-d8	7.99	136	382077	20.00	ng		-0.04
38) Acenaphthene-d10	9.75	164	137684	20.00	ng		-0.04
63) Phenanthrene-d10	11.23	188	231017	20.00	ng		-0.04
75) Chrysene-d12	13.87	240	229966	20.00	ng		-0.03
86) Perylene-d12	15.28	264	221583	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	820809	118.31	ng		-0.02
7) Phenol-d6	6.36	99	1083489	114.94	ng		-0.02
23) Nitrobenzene-d5	7.28	82	653709	92.95	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	144638	121.07	ng		-0.04
44) 2-Fluorobiphenyl	9.07	172	831458	88.72	ng		-0.04
78) Terphenyl-d14	12.82	244	609146	55.24	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	122929	31.771	ng		89
3) Pyridine	3.10	79	354406	33.133	ng	#	85
4) n-Nitrosodimethylamine	3.06	42	138667	33.692	ng	#	71
6) Aniline	6.37	93	349198	26.370	ng	#	8
8) 2-Chlorophenol	6.50	128	283744	38.780	ng		96
9) Benzaldehyde	6.26	77	95994	16.077	ng		88
10) Phenol	6.37	94	401032	36.375	ng		88
11) bis(2-Chloroethyl)ether	6.45	93	331519	39.841	ng		97
12) 1,3-Dichlorobenzene	6.65	146	273935	34.807	ng	#	94
13) 1,4-Dichlorobenzene	6.73	146	279941	34.974	ng	#	92
14) 1,2-Dichlorobenzene	6.88	146	259668	35.183	ng		99
15) Benzyl Alcohol	6.86	79	262718	37.225	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	396551	35.420	ng		85
17) 2-Methylphenol	6.98	107	245246	38.036	ng		95
18) Hexachloroethane	7.22	117	104195	33.202	ng	#	81
19) n-Nitroso-di-n-propylamine	7.13	70	220037	34.098	ng	#	88
20) 3+4-Methylphenols	7.13	107	300484	38.155	ng	#	83
22) Acetophenone	7.13	105	406669	40.290	ng	#	87
24) Nitrobenzene	7.30	77	334079	42.661	ng		94
25) Isophorone	7.54	82	585886	40.062	ng		98
26) 2-Nitrophenol	7.62	139	136338	48.049	ng	#	87
27) 2,4-Dimethylphenol	7.66	122	243259	39.883	ng		95
28) bis(2-Chloroethoxy)methane	7.75	93	391330	40.701	ng		99
29) 2,4-Dichlorophenol	7.86	162	203321	40.158	ng		91
30) 1,2,4-Trichlorobenzene	7.94	180	207026	36.886	ng		99
31) Naphthalene	8.02	128	746273	37.623	ng		100
32) Benzoic acid	7.73	122	8944	8.148	ng		87
33) 4-Chloroaniline	8.07	127	203503	24.327	ng		99
34) Hexachlorobutadiene	8.13	225	118695	36.220	ng		99
35) Caprolactam	8.43	113	59329m	34.469	ng		
36) 4-Chloro-3-methylphenol	8.56	107	217526	33.440	ng	#	83
37) 2-Methylnaphthalene	8.71	142	448148	36.851	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	177214	41.939	ng		98
40) Hexachlorocyclopentadiene	8.86	237	74010	36.459	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	116289	40.992	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	118512	42.109	ng		96
45) 1,1'-Biphenyl	9.17	154	504836	40.208	ng		94
46) 2-Chloronaphthalene	9.20	162	357504	38.537	ng		94
47) 2-Nitroaniline	9.29	65	133915	43.059	ng		94
48) Acenaphthylene	9.61	152	583217	40.034	ng		99
49) Dimethylphthalate	9.47	163	512469	50.919	ng		99
50) 2,6-Dinitrotoluene	9.54	165	86699	43.157	ng	#	68
51) Acenaphthene	9.78	154	333737	36.323	ng		100
52) 3-Nitroaniline	9.70	138	83889	32.366	ng		86
53) 2,4-Dinitrophenol	9.82	184	14789	23.656	ng	#	74
54) Dibenzofuran	9.95	168	488652	39.683	ng		99
55) 4-Nitrophenol	9.88	139	117242	56.704	ng	#	49
56) 2,4-Dinitrotoluene	9.94	165	104194	41.328	ng	#	51
57) Fluorene	10.29	166	363340	38.164	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.07	232	83297	38.228	ng		92
59) Diethylphthalate	10.17	149	406362	38.610	ng		98
60) 4-Chlorophenyl-phenylether	10.29	204	168428	38.081	ng		88
61) 4-Nitroaniline	10.32	138	86391	35.069	ng		77
62) Azobenzene	10.45	77	445479	35.634	ng		93
64) 4,6-Dinitro-2-methylphenol	10.35	198	22850	25.672	ng	#	80
65) n-Nitrosodiphenylamine	10.41	169	316225	40.197	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	94845	39.536	ng		98
67) Hexachlorobenzene	10.84	284	89738	36.700	ng	#	85
68) Atrazine	10.94	200	91941	44.069	ng		98
69) Pentachlorophenol	11.04	266	81837	57.402	ng		98
70) Phenanthrene	11.26	178	721639	58.621	ng		100
71) Anthracene	11.30	178	541909	43.402	ng		100
72) Carbazole	11.46	167	510707	43.091	ng		98
73) Di-n-butylphthalate	11.79	149	574149	42.057	ng		100
74) Fluoranthene	12.44	202	897193	69.826	ng		97
76) Benzidine	12.57	184	293542	38.931	ng	#	91
77) Pyrene	12.67	202	855911	45.506	ng		98
79) Butylbenzylphthalate	13.29	149	266986	37.024	ng	#	78
80) Benzo(a)anthracene	13.86	228	685899	49.765	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	170136	36.581	ng	#	96
82) Chrysene	13.89	228	642970	46.895	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	366677	45.887	ng	#	99
84) Di-n-octyl phthalate	14.46	149	721151	51.867	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	476201	47.214	ng		94
87) Benzo(b)fluoranthene	14.88	252	780612	55.889	ng		99
88) Benzo(k)fluoranthene	14.91	252	502534m	38.297	ng		
89) Benzo(a)pyrene	15.23	252	618633	50.032	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	345001	34.273	ng		98
91) Benzo(g,h,i)perylene	17.07	276	372821	35.495	ng		93

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

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