Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098248.D
Acq On : 2 Sep 2017 16:19
Operator : SJ/JU
Sample : I5006-04MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14-COMPMS

Manual Integrations APPROVED
mohammad
9/5/2017 4:54:55 PM

Quant Time: Sep 04 07:47:51 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	110734	20.00	ng		-0.04
21) Naphthalene-d8	8.00	136	424150	20.00	ng		-0.04
38) Acenaphthene-d10	9.75	164	162067	20.00	ng		-0.04
63) Phenanthrene-d10	11.23	188	249770	20.00	ng		-0.04
75) Chrysene-d12	13.87	240	223801	20.00	ng		-0.03
86) Perylene-d12	15.28	264	237825	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	979595	134.56	ng		-0.02
7) Phenol-d6	6.37	99	1300168	131.44	ng		-0.02
23) Nitrobenzene-d5	7.28	82	813376	104.18	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	182004	129.43	ng		-0.04
44) 2-Fluorobiphenyl	9.07	172	1098219	99.56	ng		-0.04
78) Terphenyl-d14	12.82	244	726870	67.73	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	158835	39.122	ng		87
3) Pyridine	3.12	79	432632	38.546	ng	#	84
4) n-Nitrosodimethylamine	3.09	42	169867	39.333	ng	#	68
6) Aniline	6.38	93	354768	25.531	ng	#	1
8) 2-Chlorophenol	6.50	128	346808	45.172	ng		99
9) Benzaldehyde	6.26	77	140775	22.469	ng		89
10) Phenol	6.38	94	507976	43.910	ng		97
11) bis(2-Chloroethyl)ether	6.46	93	393248	45.038	ng		93
12) 1,3-Dichlorobenzene	6.65	146	354610	42.940	ng	#	94
13) 1,4-Dichlorobenzene	6.73	146	356344	42.426	ng	#	93
14) 1,2-Dichlorobenzene	6.88	146	330565	42.684	ng		99
15) Benzyl Alcohol	6.86	79	309156	41.746	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.99	45	485147	41.296	ng		80
17) 2-Methylphenol	6.98	107	301991	44.635	ng	#	94
18) Hexachloroethane	7.22	117	142207	43.185	ng	#	83
19) n-Nitroso-di-n-propylamine	7.13	70	272117	40.187	ng		88
20) 3+4-Methylphenols	7.13	107	362714	43.893	ng		90
22) Acetophenone	7.13	105	499770	44.602	ng	#	86
24) Nitrobenzene	7.30	77	421166	48.447	ng		92
25) Isophorone	7.54	82	747117	46.019	ng		97
26) 2-Nitrophenol	7.62	139	173965	54.442	ng	#	86
27) 2,4-Dimethylphenol	7.66	122	303566	44.834	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	482532	45.209	ng		99
29) 2,4-Dichlorophenol	7.86	162	255276	45.419	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	274892	44.119	ng		100
31) Naphthalene	8.02	128	1030034	46.778	ng		100
32) Benzoic acid	7.75	122	22702	10.392	ng	#	87
33) 4-Chloroaniline	8.07	127	182568	19.659	ng		99
34) Hexachlorobutadiene	8.13	225	160575	44.140	ng		98
35) Caprolactam	8.44	113	79305m	41.505	ng		
36) 4-Chloro-3-methylphenol	8.56	107	280705	38.872	ng	#	79
37) 2-Methylnaphthalene	8.71	142	621174	46.012	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	240976	48.449	ng		98
40) Hexachlorocyclopentadiene	8.86	237	165266	69.165	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	154074	46.140	ng		99
43) 2,4,5-Trichlorophenol	9.03	196	153579	46.359	ng		95
45) 1,1'-Biphenyl	9.17	154	685600	46.390	ng		97
46) 2-Chloronaphthalene	9.20	162	493789	45.219	ng		94
47) 2-Nitroaniline	9.30	65	172147	47.025	ng		97
48) Acenaphthylene	9.61	152	787083	45.899	ng		99
49) Dimethylphthalate	9.48	163	702035	59.260	ng		99
50) 2,6-Dinitrotoluene	9.54	165	114891	48.586	ng	#	64
51) Acenaphthene	9.78	154	512978	47.432	ng		99
52) 3-Nitroaniline	9.71	138	100716	33.012	ng		99
53) 2,4-Dinitrophenol	9.82	184	59044	55.978	ng	#	73
54) Dibenzofuran	9.96	168	718470	49.568	ng		98
55) 4-Nitrophenol	9.88	139	150768	61.949	ng	#	44
56) 2,4-Dinitrotoluene	9.95	165	132290	44.578	ng	#	56
57) Fluorene	10.30	166	534359	47.683	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.07	232	109684	42.764	ng		95
59) Diethylphthalate	10.17	149	535328	43.212	ng		99
60) 4-Chlorophenyl-phenylether	10.29	204	226138	43.437	ng		89
61) 4-Nitroaniline	10.32	138	111101	38.315	ng		79
62) Azobenzene	10.45	77	605303	41.133	ng		91
64) 4,6-Dinitro-2-methylphenol	10.35	198	53818	46.119	ng		85
65) n-Nitrosodiphenylamine	10.41	169	415391	48.838	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	130335	50.251	ng		99
67) Hexachlorobenzene	10.84	284	117009	44.260	ng	#	84
68) Atrazine	10.94	200	112887	50.047	ng		96
69) Pentachlorophenol	11.04	266	104152	67.569	ng		98
70) Phenanthrene	11.26	178	1299749	97.655	ng		99
71) Anthracene	11.31	178	802374	59.438	ng		99
72) Carbazole	11.46	167	631295	49.267	ng		98
73) Di-n-butylphthalate	11.80	149	721044	48.852	ng		99
74) Fluoranthene	12.45	202	1381854	99.471	ng		99
76) Benzidine	12.57	184	210366	28.668	ng	#	92
77) Pyrene	12.67	202	1354874	74.019	ng		99
79) Butylbenzylphthalate	13.29	149	317069	45.180	ng	#	77
80) Benzo(a)anthracene	13.86	228	957168	71.360	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	176913	39.086	ng	#	96
82) Chrysene	13.90	228	899880	67.441	ng		98
83) Bis(2-ethylhexyl)phthalate	13.85	149	406968	52.332	ng	#	99
84) Di-n-octyl phthalate	14.46	149	831569	61.456	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	781699	79.638	ng		94
87) Benzo(b)fluoranthene	14.89	252	1001647	66.817	ng		99
88) Benzo(k)fluoranthene	14.92	252	738127m	52.409	ng		
89) Benzo(a)pyrene	15.23	252	916251	69.041	ng		99
90) Dibenzo(a,h)anthracene	16.68	278	554684	51.340	ng		99
91) Benzo(g,h,i)perylene	17.08	276	619950	54.993	ng		94

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

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