Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090217\
Data File : BF098249.D
Acq On : 2 Sep 2017 16:47
Operator : SJ/JU
Sample : I5006-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-14-COMPMSD

Manual Integrations APPROVED
mohammad
9/5/2017 4:54:58 PM

Quant Time: Sep 04 07:48:46 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	118007	20.00	ng		-0.04
21) Naphthalene-d8	8.00	136	468451	20.00	ng		-0.04
38) Acenaphthene-d10	9.75	164	193290	20.00	ng		-0.04
63) Phenanthrene-d10	11.23	188	305735	20.00	ng		-0.04
75) Chrysene-d12	13.87	240	252602	20.00	ng		-0.03
86) Perylene-d12	15.29	264	254573	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.33	112	914889	117.93	ng		-0.02
7) Phenol-d6	6.36	99	1239560	117.59	ng		-0.02
23) Nitrobenzene-d5	7.28	82	770754	89.38	ng		-0.04
41) 2,4,6-Tribromophenol	10.54	330	188017	112.11	ng		-0.04
44) 2-Fluorobiphenyl	9.07	172	1067058	81.11	ng		-0.04
78) Terphenyl-d14	12.82	244	690928	57.04	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	145088	33.534	ng		86
3) Pyridine	3.12	79	394604	32.991	ng	#	84
4) n-Nitrosodimethylamine	3.08	42	154589	33.589	ng	#	70
6) Aniline	6.38	93	262983	17.759	ng	#	2
8) 2-Chlorophenol	6.50	128	322396	39.404	ng		97
9) Benzaldehyde	6.26	77	130352	19.523	ng		91
10) Phenol	6.37	94	475818	38.596	ng		93
11) bis(2-Chloroethyl)ether	6.46	93	375645	40.370	ng		92
12) 1,3-Dichlorobenzene	6.65	146	325840	37.024	ng	#	94
13) 1,4-Dichlorobenzene	6.73	146	332380	37.134	ng		94
14) 1,2-Dichlorobenzene	6.88	146	307329	37.238	ng		99
15) Benzyl Alcohol	6.86	79	290965	36.868	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	454979	36.342	ng		79
17) 2-Methylphenol	6.98	107	285341	39.575	ng	#	93
18) Hexachloroethane	7.22	117	129683	36.955	ng	#	82
19) n-Nitroso-di-n-propylamine	7.13	70	258332	35.800	ng		89
20) 3+4-Methylphenols	7.13	107	346782	39.378	ng	#	86
22) Acetophenone	7.13	105	475275	38.405	ng	#	87
24) Nitrobenzene	7.30	77	395626	41.205	ng		92
25) Isophorone	7.54	82	700277	39.055	ng		98
26) 2-Nitrophenol	7.62	139	167012	48.011	ng	#	89
27) 2,4-Dimethylphenol	7.66	122	284829	38.088	ng		96
28) bis(2-Chloroethoxy)methane	7.75	93	457651	38.823	ng		99
29) 2,4-Dichlorophenol	7.86	162	242625	39.086	ng		96
30) 1,2,4-Trichlorobenzene	7.94	180	256425	37.263	ng		99
31) Naphthalene	8.02	128	921818	37.904	ng		100
32) Benzoic acid	7.75	122	18727	9.383	ng		91
33) 4-Chloroaniline	8.07	127	131094	12.782	ng		98
34) Hexachlorobutadiene	8.13	225	151599	37.731	ng		98
35) Caprolactam	8.44	113	80176m	37.992	ng		
36) 4-Chloro-3-methylphenol	8.56	107	278545	34.925	ng	#	79
37) 2-Methylnaphthalene	8.71	142	579309	38.853	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	230869	38.919	ng		98
40) Hexachlorocyclopentadiene	8.86	237	145236	50.964	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	152832	38.375	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	151906	38.447	ng		95
45) 1,1'-Biphenyl	9.17	154	653374	37.068	ng		97
46) 2-Chloronaphthalene	9.20	162	477624	36.674	ng		93
47) 2-Nitroaniline	9.30	65	172813	39.581	ng		97
48) Acenaphthylene	9.61	152	754389	36.886	ng		100
49) Dimethylphthalate	9.48	163	723491	51.206	ng		99
50) 2,6-Dinitrotoluene	9.54	165	118415	41.987	ng	#	61
51) Acenaphthene	9.78	154	450591	34.933	ng		99
52) 3-Nitroaniline	9.71	138	94988	26.105	ng		94
53) 2,4-Dinitrophenol	9.82	184	58088	47.952	ng	#	69
54) Dibenzofuran	9.96	168	664855	38.460	ng		97
55) 4-Nitrophenol	9.89	139	149259	51.422	ng	#	54
56) 2,4-Dinitrotoluene	9.95	165	140218	39.617	ng	#	57
57) Fluorene	10.30	166	484569	36.255	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	112092	36.643	ng		93
59) Diethylphthalate	10.17	149	563872	38.163	ng		100
60) 4-Chlorophenyl-phenylether	10.29	204	230264	37.085	ng		90
61) 4-Nitroaniline	10.32	138	110167	31.856	ng		78
62) Azobenzene	10.45	77	618888	35.263	ng		93
64) 4,6-Dinitro-2-methylphenol	10.36	198	53784	39.181	ng	#	71
65) n-Nitrosodiphenylamine	10.41	169	425987	40.916	ng		99
66) 4-Bromophenyl-phenylether	10.77	248	130830	41.208	ng		99
67) Hexachlorobenzene	10.85	284	120849	37.345	ng		97
68) Atrazine	10.94	200	121879	44.142	ng		95
69) Pentachlorophenol	11.04	266	106963	56.691	ng		96
70) Phenanthrene	11.26	178	753072	46.224	ng		99
71) Anthracene	11.31	178	653227	39.532	ng		99
72) Carbazole	11.46	167	570354	36.363	ng		98
73) Di-n-butylphthalate	11.80	149	755581	41.821	ng		99
74) Fluoranthene	12.44	202	770507	45.311	ng		97
76) Benzidine	12.56	184	135358	16.343	ng	#	92
77) Pyrene	12.67	202	776321	37.576	ng		99
79) Butylbenzylphthalate	13.29	149	296999	37.495	ng	#	76
80) Benzo(a)anthracene	13.86	228	613782	40.542	ng		99
81) 3,3'-Dichlorobenzidine	13.82	252	135606	26.544	ng	#	96
82) Chrysene	13.89	228	601483	39.938	ng		99
83) Bis(2-ethylhexyl)phthalate	13.85	149	397670	45.306	ng	#	100
84) Di-n-octyl phthalate	14.46	149	769147	50.362	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	508820	45.927	ng		95
87) Benzo(b)fluoranthene	14.89	252	663164	41.328	ng		99
88) Benzo(k)fluoranthene	14.91	252	543302	36.038	ng	#	96
89) Benzo(a)pyrene	15.23	252	594205	41.829	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	420686	36.376	ng		99
91) Benzo(g,h,i)perylene	17.07	276	396099	32.825	ng		95

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

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