Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081617\
Data File : BF097765.D
Acq On : 17 Aug 2017 4:03
Operator : SJ/JU
Sample : I4773-04MSD
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-J10-SSWMSD

Manual Integrations APPROVED
Sohil
8/17/2017 5:58:08 PM

Quant Time: Aug 17 08:06:56 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	142056	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	557433	20.00	ng		0.00
38) Acenaphthene-d10	9.82	164	236417	20.00	ng		0.00
63) Phenanthrene-d10	11.30	188	365170	20.00	ng		0.00
75) Chrysene-d12	13.94	240	260731	20.00	ng		0.00
86) Perylene-d12	15.37	264	237342	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.40	112	1035432	110.87	ng		0.02
7) Phenol-d6	6.42	99	1397879	110.16	ng		0.01
23) Nitrobenzene-d5	7.35	82	861364	83.94	ng		0.00
41) 2,4,6-Tribromophenol	10.61	330	212790	103.73	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1167111	72.53	ng		0.00
78) Terphenyl-d14	12.89	244	595057	47.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.56	88	152939	29.364	ng		90
3) Pyridine	3.27	79	435774	30.265	ng		86
4) n-Nitrosodimethylamine	3.22	42	174580	31.511	ng	#	75
6) Aniline	6.45	93	376310m	21.110	ng		
8) 2-Chlorophenol	6.57	128	351955	35.734	ng		97
9) Benzaldehyde	6.33	77	152641	18.991	ng		90
10) Phenol	6.43	94	532738	35.897	ng		92
11) bis(2-Chloroethyl)ether	6.52	93	398589	35.584	ng		95
12) 1,3-Dichlorobenzene	6.72	146	382270	36.083	ng	#	93
13) 1,4-Dichlorobenzene	6.80	146	453085	42.050	ng	#	93
14) 1,2-Dichlorobenzene	6.96	146	726266	73.101	ng		99
15) Benzyl Alcohol	6.93	79	355938	37.466	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.06	45	529011	35.101	ng		90
17) 2-Methylphenol	7.04	107	317819	36.617	ng		97
18) Hexachloroethane	7.29	117	135446	32.063	ng	#	77
19) n-Nitroso-di-n-propylamine	7.20	70	304750	35.083	ng		90
20) 3+4-Methylphenols	7.19	107	387691	36.571	ng		93
22) Acetophenone	7.19	105	528244	35.871	ng	#	91
24) Nitrobenzene	7.36	77	439000	38.424	ng		91
25) Isophorone	7.60	82	797772	37.390	ng		96
26) 2-Nitrophenol	7.68	139	167141	41.214	ng	#	80
27) 2,4-Dimethylphenol	7.72	122	322058	36.192	ng		94
28) bis(2-Chloroethoxy)methane	7.82	93	508921	36.280	ng		100
29) 2,4-Dichlorophenol	7.92	162	285509	38.652	ng		92
30) 1,2,4-Trichlorobenzene	8.01	180	298805	36.490	ng		100
31) Naphthalene	8.09	128	1601887	55.354	ng		100
32) Benzoic acid	7.85	122	238045	38.221	ng		90
33) 4-Chloroaniline	8.14	127	140268	11.493	ng		98
34) Hexachlorobutadiene	8.20	225	165588	34.634	ng		97
35) Caprolactam	8.51	113	95043m	37.848	ng		
36) 4-Chloro-3-methylphenol	8.62	107	329464	34.715	ng	#	82
37) 2-Methylnaphthalene	8.78	142	709533	39.991	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	267836	36.915	ng		98
40) Hexachlorocyclopentadiene	8.93	237	74394	21.343	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.06	196	186045	38.193	ng		96
43) 2,4,5-Trichlorophenol	9.10	196	185511	38.388	ng		96
45) 1,1'-Biphenyl	9.25	154	767747	35.611	ng		97
46) 2-Chloronaphthalene	9.27	162	550317	34.547	ng	#	93
47) 2-Nitroaniline	9.36	65	210434	39.406	ng		97
48) Acenaphthylene	9.68	152	854318	34.152	ng		99
49) Dimethylphthalate	9.55	163	843808	48.828	ng		100
50) 2,6-Dinitrotoluene	9.60	165	132858	38.515	ng	#	58
51) Acenaphthene	9.85	154	537189	34.050	ng		99
52) 3-Nitroaniline	9.77	138	101728	22.857	ng		82
53) 2,4-Dinitrophenol	9.87	184	19856	20.709	ng	#	81
54) Dibenzofuran	10.03	168	771381	36.482	ng		99
55) 4-Nitrophenol	9.93	139	216323	60.931	ng	#	44
56) 2,4-Dinitrotoluene	10.00	165	164824	38.074	ng	#	57
57) Fluorene	10.37	166	560987	34.316	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.14	232	145888	38.992	ng	#	92
59) Diethylphthalate	10.25	149	676911	37.457	ng		99
60) 4-Chlorophenyl-phenylether	10.36	204	271340	35.728	ng	#	86
61) 4-Nitroaniline	10.38	138	123471	29.190	ng		73
62) Azobenzene	10.52	77	751990	35.031	ng		93
64) 4,6-Dinitro-2-methylphenol	10.41	198	16735	16.360	ng	#	80
65) n-Nitrosodiphenylamine	10.48	169	504840	40.598	ng		100
66) 4-Bromophenyl-phenylether	10.85	248	157502	41.535	ng		95
67) Hexachlorobenzene	10.91	284	142261	36.807	ng	#	81
68) Atrazine	11.02	200	134458	40.772	ng		97
69) Pentachlorophenol	11.11	266	157736	69.994	ng		99
70) Phenanthrene	11.33	178	706150	36.289	ng		99
71) Anthracene	11.38	178	703109	35.625	ng		99
72) Carbazole	11.53	167	611980	32.666	ng		98
73) Di-n-butylphthalate	11.87	149	692269	32.081	ng		99
74) Fluoranthene	12.52	202	628264	30.933	ng		99
77) Pyrene	12.74	202	637474	29.894	ng		99
79) Butylbenzylphthalate	13.37	149	294665	36.040	ng	#	71
80) Benzo(a)anthracene	13.93	228	535042	34.239	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	30415	5.768	ng	#	94
82) Chrysene	13.97	228	527954	33.963	ng		99
83) Bis(2-ethylhexyl)phthalate	13.93	149	384053	42.390	ng		100
84) Di-n-octyl phthalate	14.54	149	719099	45.617	ng		99
85) Indeno(1,2,3-cd)pyrene	16.77	276	422922	36.984	ng		95
87) Benzo(b)fluoranthene	14.96	252	521725	34.874	ng		99
88) Benzo(k)fluoranthene	14.99	252	529659	37.684	ng	#	94
89) Benzo(a)pyrene	15.31	252	487065	36.776	ng		98
90) Dibenzo(a,h)anthracene	16.79	278	358858	33.282	ng		98
91) Benzo(g,h,i)perylene	17.19	276	331112	29.431	ng	#	91

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

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