Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071417\
Data File : BF096775.D
Acq On : 14 Jul 2017 14:59
Operator : SJ/JU
Sample : I4172-13MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-05-ESWMSD

Manual Integrations APPROVED
mohammad
7/17/2017 3:56:24 PM

Quant Time: Jul 14 18:21:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 13 14:49:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	102833	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	456207	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	176900	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	272928	20.00	ng		0.00
75) Chrysene-d12	13.77	240	145230	20.00	ng		0.00
86) Perylene-d12	15.16	264	178880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.26	112	868250	126.95	ng		0.02
7) Phenol-d6	6.29	99	1129793	137.66	ng		0.01
23) Nitrobenzene-d5	7.20	82	679440	92.25	ng		0.00
41) 2,4,6-Tribromophenol	10.46	330	179822	119.09	ng		0.00
44) 2-Fluorobiphenyl	9.00	172	979184	87.45	ng		0.00
78) Terphenyl-d14	12.73	244	596512	71.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.30	88	128260	36.446	ng	#	74
3) Pyridine	2.98	79	320312	43.310	ng	#	62
4) n-Nitrosodimethylamine	2.92	42	211977	51.252	ng		83
6) Aniline	6.30	93	231028	22.853	ng	#	1
8) 2-Chlorophenol	6.43	128	346368	46.945	ng		97
9) Benzaldehyde	6.18	77	188805	39.801	ng		99
10) Phenol	6.30	94	441694	47.607	ng		94
11) bis(2-Chloroethyl)ether	6.38	93	340769	48.842	ng		91
12) 1,3-Dichlorobenzene	6.58	146	360322	45.943	ng		99
13) 1,4-Dichlorobenzene	6.66	146	367553	46.277	ng		95
14) 1,2-Dichlorobenzene	6.81	146	334729	46.336	ng		98
15) Benzyl Alcohol	6.79	79	275540	51.280	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.92	45	728887	50.622	ng		94
17) 2-Methylphenol	6.90	107	285499	49.761	ng		99
18) Hexachloroethane	7.15	117	133241	47.310	ng	#	82
19) n-Nitroso-di-n-propylamine	7.06	70	235096	47.547	ng	#	82
20) 3+4-Methylphenols	7.06	107	339704	48.792	ng	#	70
22) Acetophenone	7.05	105	462368	45.346	ng		98
24) Nitrobenzene	7.22	77	350451	46.007	ng		96
25) Isophorone	7.46	82	610214	44.537	ng		96
26) 2-Nitrophenol	7.54	139	174962	41.308	ng	#	90
27) 2,4-Dimethylphenol	7.59	122	302195	43.369	ng		96
28) bis(2-Chloroethoxy)methane	7.68	93	445197	48.086	ng		99
29) 2,4-Dichlorophenol	7.79	162	287837	45.635	ng		97
30) 1,2,4-Trichlorobenzene	7.86	180	273507	45.607	ng		96
31) Naphthalene	7.95	128	997798	46.170	ng		99
33) 4-Chloroaniline	7.99	127	119848	13.997	ng		98
34) Hexachlorobutadiene	8.07	225	138545	43.276	ng		97
35) Caprolactam	8.36	113	76040m	37.625	ng		
36) 4-Chloro-3-methylphenol	8.49	107	300468	44.304	ng		91
37) 2-Methylnaphthalene	8.63	142	649931	47.171	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	229207	47.931	ng		99
40) Hexachlorocyclopentadiene	8.79	237	136180	75.984	ng		100
42) 2,4,6-Trichlorophenol	8.92	196	151666	42.997	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	8.96	196	161566	45.416	ng		97
45) 1,1'-Biphenyl	9.10	154	672891	44.352	ng		98
46) 2-Chloronaphthalene	9.12	162	523425	46.853	ng		94
47) 2-Nitroaniline	9.22	65	183129	47.688	ng		95
48) Acenaphthylene	9.53	152	804174	45.178	ng		99
49) Dimethylphthalate	9.40	163	736718	55.309	ng		100
50) 2,6-Dinitrotoluene	9.46	165	134423	46.592	ng	#	85
51) Acenaphthene	9.70	154	468162	44.522	ng		99
52) 3-Nitroaniline	9.62	138	90133	26.371	ng		93
53) 2,4-Dinitrophenol	9.74	184	3516	8.995	ng	#	79
54) Dibenzofuran	9.87	168	701226	47.588	ng		99
55) 4-Nitrophenol	9.80	139	180658	72.351	ng	#	73
56) 2,4-Dinitrotoluene	9.87	165	164599	44.398	ng	#	81
57) Fluorene	10.22	166	512744	47.089	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	104327	42.285	ng		98
59) Diethylphthalate	10.10	149	625214	48.216	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	222565	51.281	ng		97
61) 4-Nitroaniline	10.24	138	137980	42.991	ng		91
62) Azobenzene	10.37	77	591340	51.694	ng		91
64) 4,6-Dinitro-2-methylphenol	10.27	198	14295	8.342	ng	#	84
65) n-Nitrosodiphenylamine	10.33	169	497575	51.001	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	142423	51.112	ng		97
67) Hexachlorobenzene	10.77	284	146462	47.193	ng	#	91
68) Atrazine	10.86	200	142430	51.243	ng		94
69) Pentachlorophenol	10.96	266	75425	50.308	ng		96
70) Phenanthrene	11.17	178	692515	46.665	ng		100
71) Anthracene	11.23	178	707628	47.161	ng		98
72) Carbazole	11.38	167	631877	43.488	ng		98
73) Di-n-butylphthalate	11.72	149	814556	45.014	ng		99
74) Fluoranthene	12.36	202	536772	37.789	ng		98
76) Benzidine	12.47	184	212656	44.696	ng	#	93
77) Pyrene	12.58	202	526612	39.954	ng		99
79) Butylbenzylphthalate	13.21	149	268170	85.644	ng	#	84
80) Benzo(a)anthracene	13.76	228	427216	47.212	ng		99
81) 3,3'-Dichlorobenzidine	13.73	252	123413	37.926	ng	#	97
82) Chrysene	13.80	228	420154	47.164	ng		100
83) Bis(2-ethylhexyl)phthalate	13.77	149	345006	45.238	ng		99
84) Di-n-octyl phthalate	14.38	149	659884	52.344	ng	#	94
85) Indeno(1,2,3-cd)pyrene	16.47	276	512694	58.385	ng		97
87) Benzo(b)fluoranthene	14.77	252	460787	42.711	ng		97
88) Benzo(k)fluoranthene	14.80	252	447703	43.823	ng		97
89) Benzo(a)pyrene	15.10	252	439005	44.366	ng		98
90) Dibenzo(a,h)anthracene	16.49	278	428648	47.079	ng		98
91) Benzo(g,h,i)perylene	16.87	276	419334	43.009	ng		99

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

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