Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072417\
Data File : BF097005.D
Acq On : 25 Jul 2017 00:32
Operator : SJ/JU
Sample : I4399-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
E2-HS4-WSWMSD

Manual Integrations APPROVED
Sohil
7/25/2017 5:36:30 PM

Quant Time: Jul 25 03:20:27 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 01:37:00 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	112541	20.00	ng		-0.02
21) Naphthalene-d8	7.80	136	493837	20.00	ng		-0.03
38) Acenaphthene-d10	9.55	164	216094	20.00	ng		-0.03
63) Phenanthrene-d10	11.02	188	366087	20.00	ng		-0.03
75) Chrysene-d12	13.64	240	196716	20.00	ng		-0.04
86) Perylene-d12	14.99	264	180044	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.13	112	981132	131.08	ng		-0.02
7) Phenol-d6	6.19	99	1325802	147.61	ng		-0.02
23) Nitrobenzene-d5	7.09	82	878447	110.18	ng		-0.03
41) 2,4,6-Tribromophenol	10.34	330	279714	151.64	ng		-0.02
44) 2-Fluorobiphenyl	8.88	172	1374257	100.48	ng		-0.03
78) Terphenyl-d14	12.61	244	1100061	96.98	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.09	88	86628	22.493	ng	#	74
3) Pyridine	2.72	79	280530	34.659	ng	#	69
4) n-Nitrosodimethylamine	2.66	42	189878	41.949	ng		84
6) Aniline	6.18	93	372251	33.646	ng	#	76
8) 2-Chlorophenol	6.31	128	337086	41.746	ng		94
9) Benzaldehyde	6.06	77	113200	21.805	ng		98
10) Phenol	6.20	94	457096	45.017	ng		97
11) bis(2-Chloroethyl)ether	6.26	93	336650	44.090	ng		91
12) 1,3-Dichlorobenzene	6.46	146	294322	34.291	ng		99
13) 1,4-Dichlorobenzene	6.53	146	304102	34.986	ng		96
14) 1,2-Dichlorobenzene	6.69	146	278936	35.282	ng		97
15) Benzyl Alcohol	6.67	79	267623	45.510	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.80	45	653523	41.472	ng		52
17) 2-Methylphenol	6.80	107	284471	45.304	ng	#	90
18) Hexachloroethane	7.02	117	110594	35.882	ng	#	79
19) n-Nitroso-di-n-propylamine	6.95	70	264528	48.884	ng	#	81
20) 3+4-Methylphenols	6.96	107	400417	52.551	ng	#	64
22) Acetophenone	6.93	105	504389	45.698	ng		98
24) Nitrobenzene	7.10	77	371842	45.095	ng		96
25) Isophorone	7.35	82	746782	50.351	ng		97
26) 2-Nitrophenol	7.42	139	210848	45.987	ng	#	87
27) 2,4-Dimethylphenol	7.48	122	333979	44.278	ng		98
28) bis(2-Chloroethoxy)methane	7.56	93	503603	50.249	ng		99
29) 2,4-Dichlorophenol	7.67	162	316448	46.348	ng		98
30) 1,2,4-Trichlorobenzene	7.75	180	263866	40.647	ng		98
31) Naphthalene	7.82	128	1036448	44.304	ng		99
32) Benzoic acid	7.57	122	15083	3.129	ng		99
33) 4-Chloroaniline	7.88	127	391333	42.221	ng		95
34) Hexachlorobutadiene	7.95	225	130114	37.546	ng		98
35) Caprolactam	8.26	113	122432m	55.964	ng		
36) 4-Chloro-3-methylphenol	8.39	107	365383	49.770	ng		89
37) 2-Methylnaphthalene	8.51	142	714036	47.875	ng		100
39) 1,2,4,5-Tetrachlorobenzene	8.68	216	246542	42.205	ng		99
40) Hexachlorocyclopentadiene	8.67	237	168051	76.709	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.80	196	187729	43.568	ng		98
43) 2,4,5-Trichlorophenol	8.85	196	200446	46.125	ng		95
45) 1,1'-Biphenyl	8.98	154	791522	42.709	ng		98
46) 2-Chloronaphthalene	9.00	162	612443	44.878	ng	#	93
47) 2-Nitroaniline	9.10	65	257557	54.905	ng		94
48) Acenaphthylene	9.41	152	993564	45.693	ng		99
49) Dimethylphthalate	9.29	163	897610	55.166	ng		99
50) 2,6-Dinitrotoluene	9.35	165	183536	52.077	ng	#	76
51) Acenaphthene	9.58	154	602902	46.936	ng		99
52) 3-Nitroaniline	9.52	138	207289	49.649	ng		94
53) 2,4-Dinitrophenol	9.63	184	56758	36.525	ng	#	75
54) Dibenzofuran	9.75	168	879963	48.886	ng		97
55) 4-Nitrophenol	9.71	139	295923	97.017	ng	#	64
56) 2,4-Dinitrotoluene	9.75	165	221570	48.925	ng	#	50
57) Fluorene	10.09	166	623091	46.844	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.88	232	171789	57.000	ng		99
59) Diethylphthalate	9.99	149	779212	49.193	ng		99
60) 4-Chlorophenyl-phenylether	10.09	204	257429	47.424	ng		99
61) 4-Nitroaniline	10.13	138	232751	59.366	ng		93
62) Azobenzene	10.25	77	782116	55.970	ng		92
64) 4,6-Dinitro-2-methylphenol	10.16	198	109242	47.528	ng		92
65) n-Nitrosodiphenylamine	10.22	169	618032	47.228	ng		98
66) 4-Bromophenyl-phenylether	10.57	248	179450	48.012	ng		98
67) Hexachlorobenzene	10.64	284	182902	43.937	ng	#	84
68) Atrazine	10.74	200	189763	50.898	ng		93
69) Pentachlorophenol	10.84	266	154349	76.751	ng		98
70) Phenanthrene	11.04	178	979408	49.203	ng		99
71) Anthracene	11.10	178	973570	48.374	ng		99
72) Carbazole	11.26	167	991006	50.848	ng		99
73) Di-n-butylphthalate	11.60	149	1180384	48.631	ng		99
74) Fluoranthene	12.23	202	949429	49.831	ng		99
76) Benzidine	12.35	184	228085	35.392	ng	#	93
77) Pyrene	12.45	202	956671	53.586	ng		98
79) Butylbenzylphthalate	13.08	149	491600	57.954	ng	#	75
80) Benzo(a)anthracene	13.63	228	675335	55.098	ng		99
81) 3,3'-Dichlorobenzidine	13.60	252	202270	45.891	ng	#	96
82) Chrysene	13.67	228	655084	54.290	ng		99
83) Bis(2-ethylhexyl)phthalate	13.65	149	591917	57.300	ng		99
84) Di-n-octyl phthalate	14.26	149	927166	54.297	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.23	276	564431	48.733	ng		98
87) Benzo(b)fluoranthene	14.63	252	561098	51.673	ng		98
88) Benzo(k)fluoranthene	14.66	252	523262	50.888	ng		97
89) Benzo(a)pyrene	14.94	252	496302	49.833	ng		98
90) Dibenzo(a,h)anthracene	16.25	278	460270	50.225	ng		98
91) Benzo(g,h,i)perylene	16.60	276	500465	50.998	ng		99

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

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