Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072717\
Data File : BF097128.D
Acq On : 27 Jul 2017 17:52
Operator : SJ/JU
Sample : PB101003BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB101003BS

Quant Time: Jul 28 00:42:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.49	152	78923	20.00	ng		-0.01
21) Naphthalene-d8	7.77	136	328301	20.00	ng		-0.02
38) Acenaphthene-d10	9.52	164	132666	20.00	ng		-0.02
63) Phenanthrene-d10	10.99	188	180714	20.00	ng		-0.02
75) Chrysene-d12	13.62	240	136130	20.00	ng		-0.01
86) Perylene-d12	14.96	264	147297	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	696477	133.03	ng		0.00
7) Phenol-d6	6.16	99	706544	118.21	ng		-0.01
23) Nitrobenzene-d5	7.06	82	422631	75.52	ng		-0.02
41) 2,4,6-Tribromophenol	10.30	330	108553	103.56	ng		-0.02
44) 2-Fluorobiphenyl	8.85	172	745613	95.38	ng		-0.02
78) Terphenyl-d14	12.57	244	451621	67.64	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.08	88	72482	33.176	ng	#	66
3) Pyridine	2.70	79	221729	33.143	ng	#	60
4) n-Nitrosodimethylamine	2.65	42	138371	37.334	ng		80
6) Aniline	6.15	93	96373	12.814	ng	#	47
8) 2-Chlorophenol	6.27	128	228106	40.747	ng		90
9) Benzaldehyde	6.03	77	64975	18.366	ng		97
10) Phenol	6.17	94	258650	36.484	ng		95
11) bis(2-Chloroethyl)ether	6.23	93	198729	35.442	ng		94
12) 1,3-Dichlorobenzene	6.43	146	218982	36.298	ng		100
13) 1,4-Dichlorobenzene	6.50	146	241603	40.410	ng		95
14) 1,2-Dichlorobenzene	6.66	146	213518	40.902	ng		99
15) Benzyl Alcohol	6.65	79	156851	41.450	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.78	45	496858	44.180	ng		86
17) 2-Methylphenol	6.77	107	185844	43.014	ng	#	90
18) Hexachloroethane	7.00	117	74804	34.200	ng	#	85
19) n-Nitroso-di-n-propylamine	6.92	70	163180	41.478	ng	#	83
20) 3+4-Methylphenols	6.93	107	245373	43.483	ng	#	61
22) Acetophenone	6.90	105	317668	40.293	ng		98
24) Nitrobenzene	7.07	77	211717	36.325	ng		94
25) Isophorone	7.32	82	369244	33.691	ng	#	94
26) 2-Nitrophenol	7.39	139	103965	32.970	ng	#	87
27) 2,4-Dimethylphenol	7.45	122	181344	34.863	ng		97
28) bis(2-Chloroethoxy)methane	7.53	93	284980	39.846	ng		98
29) 2,4-Dichlorophenol	7.65	162	165092	36.842	ng		98
30) 1,2,4-Trichlorobenzene	7.72	180	159026	37.232	ng		95
31) Naphthalene	7.79	128	596487	38.543	ng		99
32) Benzoic acid	7.58	122	88864	22.879	ng		90
33) 4-Chloroaniline	7.85	127	70032	11.121	ng		99
34) Hexachlorobutadiene	7.92	225	91263	40.304	ng		95
35) Caprolactam	8.22	113	58147	40.467	ng	#	62
36) 4-Chloro-3-methylphenol	8.35	107	188969	38.654	ng	#	85
37) 2-Methylnaphthalene	8.49	142	438026	44.703	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.65	216	152802	43.166	ng		99
40) Hexachlorocyclopentadiene	8.64	237	20347	21.675	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.77	196	97033	37.826	ng		99
43) 2,4,5-Trichlorophenol	8.82	196	97108	37.821	ng		94
45) 1,1'-Biphenyl	8.95	154	424650	37.475	ng		97
46) 2-Chloronaphthalene	8.97	162	321715	38.581	ng		93
47) 2-Nitroaniline	9.07	65	118842	39.271	ng		90
48) Acenaphthylene	9.38	152	484988	37.892	ng		99
49) Dimethylphthalate	9.26	163	391045	38.816	ng		99
50) 2,6-Dinitrotoluene	9.32	165	79691	37.296	ng	#	86
51) Acenaphthene	9.55	154	279860	37.121	ng		97
52) 3-Nitroaniline	9.48	138	71961	27.133	ng		90
53) 2,4-Dinitrophenol	9.60	184	9759	10.045	ng	#	75
54) Dibenzofuran	9.72	168	424194	42.242	ng		99
55) 4-Nitrophenol	9.67	139	85615	54.282	ng	#	59
56) 2,4-Dinitrotoluene	9.72	165	91259	37.152	ng	#	61
57) Fluorene	10.06	166	311618	41.287	ng		100
58) 2,3,4,6-Tetrachlorophenol	9.85	232	63287	35.698	ng	#	97
59) Diethylphthalate	9.95	149	363777	39.359	ng		99
60) 4-Chlorophenyl-phenylether	10.06	204	136959	43.943	ng		96
61) 4-Nitroaniline	10.09	138	92979	36.895	ng		91
62) Azobenzene	10.22	77	329685	38.450	ng		93
64) 4,6-Dinitro-2-methylphenol	10.13	198	11271	10.037	ng		90
65) n-Nitrosodiphenylamine	10.18	169	275185	43.765	ng		99
66) 4-Bromophenyl-phenylether	10.55	248	75928	42.101	ng		96
67) Hexachlorobenzene	10.61	284	75305	37.235	ng	#	90
68) Atrazine	10.71	200	75915	42.104	ng		93
69) Pentachlorophenol	10.81	266	57838	69.119	ng		98
70) Phenanthrene	11.02	178	404083	41.732	ng		98
71) Anthracene	11.06	178	406644	41.004	ng		98
72) Carbazole	11.23	167	391550	40.145	ng		97
73) Di-n-butylphthalate	11.57	149	555419	46.069	ng		99
74) Fluoranthene	12.19	202	401651	42.343	ng		99
76) Benzidine	12.32	184	175411	34.727	ng	#	92
77) Pyrene	12.42	202	407095	36.529	ng		99
79) Butylbenzylphthalate	13.05	149	201680	35.576	ng	#	79
80) Benzo(a)anthracene	13.60	228	338871	38.472	ng		98
81) 3,3'-Dichlorobenzidine	13.57	252	115406	34.744	ng	#	96
82) Chrysene	13.64	228	331627	38.557	ng		99
83) Bis(2-ethylhexyl)phthalate	13.62	149	256715	34.683	ng	#	98
84) Di-n-octyl phthalate	14.23	149	502304	36.980	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.19	276	267452	36.264	ng		98
87) Benzo(b)fluoranthene	14.60	252	333433	37.658	ng		97
88) Benzo(k)fluoranthene	14.63	252	304478	36.087	ng	#	94
89) Benzo(a)pyrene	14.91	252	304417	37.565	ng		98
90) Dibenzo(a,h)anthracene	16.19	278	232459	34.980	ng		96
91) Benzo(g,h,i)perylene	16.54	276	216099	31.009	ng		98

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

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