Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101817\
Data File : BG029341.D
Acq On : 18 Oct 2017 21:11
Operator : SJ/JU
Sample : I5834-04MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ENV-115-4(15-20)MSD

Quant Time: Oct 19 00:27:43 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63011	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	293351	20.00	ng		0.00
38) Acenaphthene-d10	14.79	164	203859	20.00	ng		0.00
63) Phenanthrene-d10	17.52	188	496091	20.00	ng		0.00
75) Chrysene-d12	21.79	240	532585	20.00	ng		0.00
86) Perylene-d12	25.10	264	547632	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	472518	125.27	ng		0.00
7) Phenol-d6	7.32	99	657421	124.17	ng		0.00
23) Nitrobenzene-d5	9.33	82	380348	82.39	ng		0.00
41) 2,4,6-Tribromophenol	16.27	330	346418	131.62	ng		0.00
44) 2-Fluorobiphenyl	13.41	172	1004397	72.26	ng		0.00
78) Terphenyl-d14	20.11	244	1612817	68.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	35102	22.937	ng		85
3) Pyridine	3.99	79	106938	23.995	ng		95
4) n-Nitrosodimethylamine	3.90	42	58753	28.203	ng	#	93
6) Aniline	7.49	93	149260	22.767	ng		98
8) 2-Chlorophenol	7.73	128	125806	29.099	ng		88
9) Benzaldehyde	7.29	77	36776	13.810	ng		93
10) Phenol	7.35	94	200439	35.116	ng		93
11) bis(2-Chloroethyl)ether	7.58	93	117554	28.268	ng		92
12) 1,3-Dichlorobenzene	8.06	146	127935	26.357	ng		94
13) 1,4-Dichlorobenzene	8.20	146	129306	26.092	ng		91
14) 1,2-Dichlorobenzene	8.52	146	125567	26.269	ng		96
15) Benzyl Alcohol	8.40	79	118775	31.834	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.69	45	201583	28.543	ng		93
17) 2-Methylphenol	8.60	107	117322	30.942	ng		95
18) Hexachloroethane	9.26	117	44152	26.143	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	103124	28.646	ng	#	94
20) 3+4-Methylphenols	8.93	107	166990	31.256	ng		95
22) Acetophenone	8.99	105	194125	27.459	ng	#	94
24) Nitrobenzene	9.37	77	146803	28.284	ng	#	93
25) Isophorone	9.90	82	299649	31.094	ng	#	94
26) 2-Nitrophenol	10.09	139	76910	31.003	ng		90
27) 2,4-Dimethylphenol	10.14	122	142263	31.697	ng		93
28) bis(2-Chloroethoxy)methane	10.37	93	177802	30.088	ng		95
29) 2,4-Dichlorophenol	10.63	162	145352	30.369	ng		95
30) 1,2,4-Trichlorobenzene	10.84	180	137790	26.648	ng		98
31) Naphthalene	11.04	128	399209	27.306	ng		98
33) 4-Chloroaniline	11.14	127	146197	23.772	ng		97
34) Hexachlorobutadiene	11.32	225	82635	25.704	ng		97
35) Caprolactam	11.89	113	58618	36.851	ng	#	78
36) 4-Chloro-3-methylphenol	12.25	107	162605	30.890	ng		88
37) 2-Methylnaphthalene	12.63	142	314966	29.559	ng		92
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	170283	22.879	ng		96
40) Hexachlorocyclopentadiene	12.97	237	204714	73.036	ng		93
42) 2,4,6-Trichlorophenol	13.22	196	132066	28.266	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	13.30	196	144578	30.130	ng		97
45) 1,1'-Biphenyl	13.62	154	428245	24.440	ng		97
46) 2-Chloronaphthalene	13.67	162	328535	25.705	ng		98
47) 2-Nitroaniline	13.86	65	112407	32.019	ng	#	87
48) Acenaphthylene	14.51	152	530105	26.501	ng		99
49) Dimethylphthalate	14.23	163	654882	41.173	ng		99
50) 2,6-Dinitrotoluene	14.35	165	102852	30.847	ng		86
51) Acenaphthene	14.85	154	333664	25.638	ng		98
52) 3-Nitroaniline	14.68	138	94678	26.314	ng	#	82
53) 2,4-Dinitrophenol	14.89	184	23133	18.186	ng	#	54
54) Dibenzofuran	15.18	168	531937	28.631	ng		100
55) 4-Nitrophenol	14.99	139	183884	61.992	ng	#	81
56) 2,4-Dinitrotoluene	15.14	165	148303	32.856	ng	#	79
57) Fluorene	15.83	166	424243	27.641	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.40	232	138120	34.501	ng		95
59) Diethylphthalate	15.58	149	472862	29.831	ng		99
60) 4-Chlorophenyl-phenylether	15.81	204	231304	28.266	ng		95
61) 4-Nitroaniline	15.84	138	119879	32.448	ng		84
62) Azobenzene	16.11	77	438186	32.781	ng		98
64) 4,6-Dinitro-2-methylphenol	15.90	198	64862	25.597	ng		83
65) n-Nitrosodiphenylamine	16.03	169	405185	27.265	ng		100
66) 4-Bromophenyl-phenylether	16.71	248	155169	27.258	ng		99
67) Hexachlorobenzene	16.83	284	163070	25.290	ng		97
68) Atrazine	16.97	200	165892	31.285	ng		97
69) Pentachlorophenol	17.17	266	217644	58.757	ng		98
70) Phenanthrene	17.56	178	714979	27.898	ng		99
71) Anthracene	17.66	178	726335	28.225	ng		99
72) Carbazole	17.92	167	704924	28.516	ng		99
73) Di-n-butylphthalate	18.47	149	802187	28.215	ng		100
74) Fluoranthene	19.56	202	883202	29.464	ng		98
76) Benzidine	19.73	184	448830	27.911	ng		99
77) Pyrene	19.92	202	897584	27.782	ng		97
79) Butylbenzylphthalate	20.79	149	381176	27.693	ng		92
80) Benzo(a)anthracene	21.77	228	877786	28.072	ng		99
81) 3,3'-Dichlorobenzidine	21.68	252	279525	21.658	ng		95
82) Chrysene	21.84	228	823152	27.488	ng		98
83) Bis(2-ethylhexyl)phthalate	21.67	149	542258	27.451	ng		98
84) Di-n-octyl phthalate	22.91	149	919199	26.699	ng		97
85) Indeno(1,2,3-cd)pyrene	28.89	276	1031229	27.991	ng		97
87) Benzo(b)fluoranthene	24.05	252	883212	28.171	ng		100
88) Benzo(k)fluoranthene	24.12	252	870767	27.878	ng		98
89) Benzo(a)pyrene	24.94	252	864088	28.669	ng		99
90) Dibenzo(a,h)anthracene	28.95	278	863775	28.307	ng		97
91) Benzo(g,h,i)perylene	30.07	276	857983	30.262	ng		97

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

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