Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028640.D
Acq On : 11 Sep 2017 13:56
Operator : SJ/JU
Sample : I5137-02MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-COMPMSD

Manual Integrations APPROVED
Sohil
9/12/2017 6:03:13 PM

Quant Time: Sep 12 05:01:42 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG090717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 07 18:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	39066	20.00	ng		0.00
21) Naphthalene-d8	11.15	136	154205	20.00	ng		0.00
38) Acenaphthene-d10	14.94	164	111000	20.00	ng		0.00
63) Phenanthrene-d10	17.70	188	284670	20.00	ng		0.00
75) Chrysene-d12	22.03	240	348214	20.00	ng		0.00
86) Perylene-d12	25.52	264	277095	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	361416	155.77	ng		0.00
7) Phenol-d6	7.50	99	469018	139.36	ng		0.00
23) Nitrobenzene-d5	9.51	82	322794	96.12	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	284540	168.66	ng		0.00
44) 2-Fluorobiphenyl	13.57	172	796301	93.85	ng		0.00
78) Terphenyl-d14	20.28	244	1403665	86.85	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	37805	39.834	ng		97
3) Pyridine	4.27	79	125306	42.519	ng		94
4) n-Nitrosodimethylamine	4.16	42	59215	42.163	ng	#	73
6) Aniline	7.67	93	86892	20.166	ng		99
8) 2-Chlorophenol	7.90	128	120679	46.076	ng		95
9) Benzaldehyde	7.48	77	19212	9.674	ng		81
10) Phenol	7.52	94	162064	44.458	ng		91
11) bis(2-Chloroethyl)ether	7.74	93	120584	44.989	ng		91
12) 1,3-Dichlorobenzene	8.22	146	128287	41.827	ng		94
13) 1,4-Dichlorobenzene	8.37	146	129871	42.945	ng		92
14) 1,2-Dichlorobenzene	8.69	146	126350	42.516	ng		99
15) Benzyl Alcohol	8.57	79	126780	47.524	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.85	45	223474	40.440	ng		97
17) 2-Methylphenol	8.77	107	108567	46.439	ng		91
18) Hexachloroethane	9.42	117	50175	42.232	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	110792	41.635	ng	#	86
20) 3+4-Methylphenols	9.10	107	156847	48.455	ng		93
22) Acetophenone	9.16	105	193905	45.263	ng	#	87
24) Nitrobenzene	9.55	77	163638	46.124	ng		94
25) Isophorone	10.07	82	295237	47.744	ng		98
26) 2-Nitrophenol	10.26	139	67661	45.987	ng		89
27) 2,4-Dimethylphenol	10.31	122	125694	47.301	ng		95
28) bis(2-Chloroethoxy)methane	10.54	93	166206	45.039	ng		98
29) 2,4-Dichlorophenol	10.81	162	136070	52.157	ng		95
30) 1,2,4-Trichlorobenzene	11.01	180	141248	44.000	ng		99
31) Naphthalene	11.21	128	374590	44.751	ng		99
32) Benzoic acid	10.47	122	72971	43.585	ng		85
33) 4-Chloroaniline	11.32	127	20322	5.759	ng	#	91
34) Hexachlorobutadiene	11.48	225	100085	43.148	ng		98
35) Caprolactam	12.10	113	40869m	41.386	ng		
36) 4-Chloro-3-methylphenol	12.42	107	164312	49.466	ng		96
37) 2-Methylnaphthalene	12.79	142	294450	47.709	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	184001	42.677	ng		97
40) Hexachlorocyclopentadiene	13.12	237	192367	99.401	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	128270	46.574	ng		97
43) 2,4,5-Trichlorophenol	13.47	196	140664	51.109	ng		94
45) 1,1'-Biphenyl	13.78	154	386910	41.515	ng		98
46) 2-Chloronaphthalene	13.83	162	298670	42.192	ng		99
47) 2-Nitroaniline	14.03	65	123491	42.788	ng		91
48) Acenaphthylene	14.67	152	482073	44.407	ng		96
49) Dimethylphthalate	14.39	163	429921	47.008	ng		98
50) 2,6-Dinitrotoluene	14.52	165	99986	49.903	ng	#	79
51) Acenaphthene	15.01	154	297242	44.710	ng		95
52) 3-Nitroaniline	14.85	138	27755	13.715	ng		96
53) 2,4-Dinitrophenol	15.07	184	130093	102.202	ng		95
54) Dibenzofuran	15.34	168	512472	49.869	ng		93
55) 4-Nitrophenol	15.17	139	128337	89.000	ng	#	82
56) 2,4-Dinitrotoluene	15.31	165	140205	48.553	ng	#	88
57) Fluorene	15.99	166	432265	46.017	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.57	232	135731	55.221	ng	#	95
59) Diethylphthalate	15.74	149	452144	47.183	ng		96
60) 4-Chlorophenyl-phenylether	15.97	204	246763	46.512	ng		91
61) 4-Nitroaniline	16.02	138	67523	30.821	ng		90
62) Azobenzene	16.26	77	415159	48.506	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	94295	46.642	ng		99
65) n-Nitrosodiphenylamine	16.19	169	331113	39.388	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	172297	46.612	ng		92
67) Hexachlorobenzene	17.00	284	179182	44.047	ng	#	89
68) Atrazine	17.13	200	18812	6.204	ng		92
69) Pentachlorophenol	17.35	266	203395	107.429	ng		98
70) Phenanthrene	17.74	178	714255	47.182	ng		95
71) Anthracene	17.83	178	714959	46.442	ng		96
72) Carbazole	18.10	167	490828	35.638	ng	#	92
73) Di-n-butylphthalate	18.62	149	776415	46.424	ng	#	94
74) Fluoranthene	19.74	202	911667	47.172	ng		95
77) Pyrene	20.10	202	927277	44.897	ng		96
79) Butylbenzylphthalate	20.96	149	364310	45.601	ng		96
80) Benzo(a)anthracene	22.00	228	955294	45.819	ng		95
81) 3,3'-Dichlorobenzidine	21.92	252	17446	2.178	ng		89
82) Chrysene	22.08	228	897557	45.649	ng		95
83) Bis(2-ethylhexyl)phthalate	21.86	149	508976	44.218	ng		99
84) Di-n-octyl phthalate	23.16	149	880532	44.630	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.57	276	1059949	45.505	ng	#	96
87) Benzo(b)fluoranthene	24.41	252	968077	55.777	ng		96
88) Benzo(k)fluoranthene	24.48	252	931755	55.597	ng		96
89) Benzo(a)pyrene	25.37	252	872987	53.624	ng		97
90) Dibenzo(a,h)anthracene	29.63	278	933783	55.279	ng		98
91) Benzo(g,h,i)perylene	30.84	276	853086	51.491	ng		98

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

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