Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG091117\
Data File : BG028639.D
Acq On : 11 Sep 2017 13:17
Operator : SJ/JU
Sample : I5137-02MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-1-COMPMS

Manual Integrations APPROVED
Sohil
9/12/2017 6:03:11 PM

Quant Time: Sep 12 04:59:58 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	8.34	152	36706	20.00	ng		0.00
21) Naphthalene-d8	11.16	136	147360	20.00	ng		0.00
38) Acenaphthene-d10	14.95	164	101248	20.00	ng		0.00
63) Phenanthrene-d10	17.69	188	266465	20.00	ng		0.00
75) Chrysene-d12	22.03	240	327221	20.00	ng		0.00
86) Perylene-d12	25.53	264	305422	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.91	112	336817	154.50	ng		0.00
7) Phenol-d6	7.50	99	448816	141.94	ng		0.00
23) Nitrobenzene-d5	9.50	82	302144	94.15	ng		0.00
41) 2,4,6-Tribromophenol	16.44	330	255109	165.78	ng		0.00
44) 2-Fluorobiphenyl	13.56	172	743978	96.13	ng		0.00
78) Terphenyl-d14	20.28	244	1303952	85.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	37271	41.796	ng		96
3) Pyridine	4.26	79	99860	36.063	ng	#	92
4) n-Nitrosodimethylamine	4.16	42	58086	44.018	ng	#	76
6) Aniline	7.67	93	101842	25.156	ng		96
8) 2-Chlorophenol	7.91	128	118284	48.066	ng		93
9) Benzaldehyde	7.48	77	19958	10.696	ng		93
10) Phenol	7.52	94	158231	46.197	ng		91
11) bis(2-Chloroethyl)ether	7.74	93	112738	44.766	ng		93
12) 1,3-Dichlorobenzene	8.22	146	120335	41.757	ng		94
13) 1,4-Dichlorobenzene	8.37	146	123314	43.398	ng		99
14) 1,2-Dichlorobenzene	8.69	146	119497	42.796	ng		99
15) Benzyl Alcohol	8.57	79	125257	49.972	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.85	45	212931	41.009	ng		95
17) 2-Methylphenol	8.77	107	108199	49.257	ng		94
18) Hexachloroethane	9.42	117	47098	42.191	ng		94
19) n-Nitroso-di-n-propylamine	9.13	70	103369	41.343	ng		89
20) 3+4-Methylphenols	9.11	107	144347	47.461	ng		93
22) Acetophenone	9.16	105	189417	46.269	ng	#	90
24) Nitrobenzene	9.55	77	155577	45.889	ng		95
25) Isophorone	10.06	82	282297	47.772	ng		99
26) 2-Nitrophenol	10.26	139	63277	45.005	ng		92
27) 2,4-Dimethylphenol	10.31	122	123600	48.674	ng		99
28) bis(2-Chloroethoxy)methane	10.54	93	155738	44.163	ng		98
29) 2,4-Dichlorophenol	10.80	162	124538	49.954	ng		96
30) 1,2,4-Trichlorobenzene	11.01	180	134989	44.004	ng		99
31) Naphthalene	11.20	128	360877	45.116	ng		100
32) Benzoic acid	10.47	122	71058	44.413	ng		90
33) 4-Chloroaniline	11.32	127	33281	9.870	ng	#	91
34) Hexachlorobutadiene	11.47	225	96814	43.677	ng		99
35) Caprolactam	12.09	113	40233m	42.634	ng		
36) 4-Chloro-3-methylphenol	12.42	107	154066	48.536	ng		95
37) 2-Methylnaphthalene	12.79	142	274201	46.492	ng		96
39) 1,2,4,5-Tetrachlorobenzene	13.15	216	171738	43.669	ng		98
40) Hexachlorocyclopentadiene	13.12	237	177622	100.510	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.39	196	115432	45.950	ng		93
43) 2,4,5-Trichlorophenol	13.47	196	127088	50.624	ng		92
45) 1,1'-Biphenyl	13.78	154	366355	43.096	ng		98
46) 2-Chloronaphthalene	13.83	162	286859	44.427	ng		97
47) 2-Nitroaniline	14.03	65	116120	44.109	ng	#	88
48) Acenaphthylene	14.67	152	461871	46.644	ng		98
49) Dimethylphthalate	14.39	163	405546	48.614	ng		99
50) 2,6-Dinitrotoluene	14.52	165	91916	50.294	ng		90
51) Acenaphthene	15.01	154	280711	46.291	ng		97
52) 3-Nitroaniline	14.86	138	44233	23.963	ng	#	96
53) 2,4-Dinitrophenol	15.07	184	111275	96.204	ng		94
54) Dibenzofuran	15.34	168	487498	52.008	ng		95
55) 4-Nitrophenol	15.17	139	124523	94.672	ng	#	77
56) 2,4-Dinitrotoluene	15.31	165	130496	49.543	ng	#	85
57) Fluorene	15.99	166	408604	47.688	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.57	232	130530	58.220	ng	#	94
59) Diethylphthalate	15.74	149	426894	48.839	ng		97
60) 4-Chlorophenyl-phenylether	15.97	204	229823	47.492	ng		91
61) 4-Nitroaniline	16.02	138	89918	44.997	ng	#	85
62) Azobenzene	16.27	77	395219	50.624	ng		92
64) 4,6-Dinitro-2-methylphenol	16.08	198	85120	44.980	ng		94
65) n-Nitrosodiphenylamine	16.19	169	357141	45.387	ng		98
66) 4-Bromophenyl-phenylether	16.87	248	159329	46.049	ng		97
67) Hexachlorobenzene	17.00	284	170082	44.667	ng	#	91
68) Atrazine	17.13	200	148131	52.189	ng		95
69) Pentachlorophenol	17.35	266	187324	105.700	ng		96
70) Phenanthrene	17.74	178	671181	47.366	ng		95
71) Anthracene	17.83	178	689275	47.832	ng		98
72) Carbazole	18.10	167	620212	48.109	ng		95
73) Di-n-butylphthalate	18.62	149	736956	47.075	ng	#	95
74) Fluoranthene	19.74	202	851928	47.092	ng		94
76) Benzidine	19.91	184	109922	16.535	ng	#	93
77) Pyrene	20.10	202	875123	45.090	ng		94
79) Butylbenzylphthalate	20.96	149	344649	45.908	ng		94
80) Benzo(a)anthracene	22.01	228	914454	46.674	ng		94
81) 3,3'-Dichlorobenzidine	21.91	252	205510	27.300	ng	#	97
82) Chrysene	22.08	228	856956	46.381	ng		95
83) Bis(2-ethylhexyl)phthalate	21.86	149	490908	45.384	ng		100
84) Di-n-octyl phthalate	23.16	149	849020	45.794	ng	#	89
85) Indeno(1,2,3-cd)pyrene	29.57	276	1073147	49.027	ng	#	96
87) Benzo(b)fluoranthene	24.42	252	932460	48.742	ng		97
88) Benzo(k)fluoranthene	24.49	252	895766	48.493	ng		95
89) Benzo(a)pyrene	25.37	252	884617	49.299	ng		97
90) Dibenzo(a,h)anthracene	29.63	278	912587	49.013	ng		98
91) Benzo(g,h,i)perylene	30.84	276	883693	48.392	ng		97

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

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