Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031854.D
Acq On : 29 Dec 2017 15:05
Operator : SJ/JU
Sample : IDOC-02 RM
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-02 RM

Quant Time: Dec 29 15:59:11 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 29 15:51:46 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	55796	20.00	ng		0.00
21) Naphthalene-d8	11.68	136	232306	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	163100	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	399205	20.00	ng		0.00
75) Chrysene-d12	22.50	240	442607	20.00	ng		0.00
86) Perylene-d12	26.23	264	474591	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	395998	129.27	ng		0.00
7) Phenol-d6	7.90	99	528284	132.83	ng		0.00
23) Nitrobenzene-d5	9.99	82	285524	92.81	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	348300	139.95	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	1018823	78.40	ng		0.00
78) Terphenyl-d14	20.69	244	1723463	88.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	36906	32.500	ng	#	70
3) Pyridine	4.31	79	83641	27.555	ng	#	76
4) n-Nitrosodimethylamine	4.22	42	44073	35.982	ng	#	76
6) Aniline	8.08	93	96056	18.771	ng		90
8) 2-Chlorophenol	8.33	128	144046	40.537	ng	#	82
9) Benzaldehyde	7.89	77	43782	18.281	ng		85
10) Phenol	7.92	94	169279	42.157	ng		89
11) bis(2-Chloroethyl)ether	8.17	93	118711	35.597	ng	#	81
12) 1,3-Dichlorobenzene	8.67	146	156347	35.430	ng	#	92
13) 1,4-Dichlorobenzene	8.83	146	158533	35.169	ng		95
14) 1,2-Dichlorobenzene	9.15	146	155684	36.449	ng		96
15) Benzyl Alcohol	9.02	79	114639	38.396	ng		94
16) 2,2'-oxybis(1-Chloropropan	9.31	45	119939	44.164	ng		82
17) 2-Methylphenol	9.22	107	118485	41.239	ng		92
18) Hexachloroethane	9.91	117	50529	37.011	ng	#	80
19) n-Nitroso-di-n-propylamine	9.61	70	91999	33.870	ng	#	79
20) 3+4-Methylphenols	9.55	107	163883	40.133	ng		91
22) Acetophenone	9.63	105	205285	38.036	ng	#	84
24) Nitrobenzene	10.03	77	131705	41.539	ng	#	78
25) Isophorone	10.55	82	264278	39.905	ng	#	88
26) 2-Nitrophenol	10.76	139	85173	51.234	ng	#	79
27) 2,4-Dimethylphenol	10.79	122	150877	43.130	ng		86
28) bis(2-Chloroethoxy)methane	11.03	93	167171	37.620	ng	#	92
29) 2,4-Dichlorophenol	11.30	162	176487	42.975	ng		90
30) 1,2,4-Trichlorobenzene	11.53	180	185750	37.044	ng		98
31) Naphthalene	11.73	128	444178	37.886	ng		98
32) Benzoic acid	10.88	122	57346	27.381	ng	#	71
33) 4-Chloroaniline	11.81	127	97656	18.709	ng	#	91
34) Hexachlorobutadiene	11.99	225	123800	35.963	ng		96
35) Caprolactam	12.57	113	56389	45.298	ng	#	50
36) 4-Chloro-3-methylphenol	12.89	107	160461	42.306	ng	#	82
37) 2-Methylnaphthalene	13.29	142	369967	38.927	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	250267	36.429	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	294586	81.284	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	162740	41.087	ng		97
43) 2,4,5-Trichlorophenol	13.94	196	176590	40.230	ng	#	90
45) 1,1'-Biphenyl	14.26	154	529159	37.986	ng		97
46) 2-Chloronaphthalene	14.31	162	393931	37.074	ng		96
47) 2-Nitroaniline	14.50	65	85315	46.491	ng	#	59
48) Acenaphthylene	15.15	152	609926	35.880	ng		98
49) Dimethylphthalate	14.85	163	597404	41.577	ng	#	99
50) 2,6-Dinitrotoluene	14.98	165	117182	44.333	ng	#	65
51) Acenaphthene	15.48	154	445980	40.060	ng		97
52) 3-Nitroaniline	15.31	138	71142	27.587	ng	#	72
53) 2,4-Dinitrophenol	15.51	184	128255	110.952	ng	#	67
54) Dibenzofuran	15.81	168	636980	37.325	ng		98
55) 4-Nitrophenol	15.59	139	186709	88.954	ng	#	66
56) 2,4-Dinitrotoluene	15.75	165	165938	48.822	ng	#	64
57) Fluorene	16.46	166	511184	36.872	ng		98
58) 2,3,4,6-Tetrachlorophenol	16.02	232	182663	42.652	ng	#	85
59) Diethylphthalate	16.19	149	509886	36.409	ng		97
60) 4-Chlorophenyl-phenylether	16.43	204	303534	35.783	ng		92
61) 4-Nitroaniline	16.46	138	102407	40.693	ng		78
62) Azobenzene	16.73	77	334413	37.234	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	90627	46.896	ng	#	67
65) n-Nitrosodiphenylamine	16.65	169	474209	35.766	ng		99
66) 4-Bromophenyl-phenylether	17.33	248	222580	38.557	ng		94
67) Hexachlorobenzene	17.45	284	229700	38.924	ng	#	90
68) Atrazine	17.57	200	206331	40.022	ng		99
69) Pentachlorophenol	17.79	266	305009	75.144	ng		100
70) Phenanthrene	18.20	178	857891	37.973	ng		98
71) Anthracene	18.29	178	879513	38.593	ng		99
72) Carbazole	18.54	167	773731	38.359	ng		99
73) Di-n-butylphthalate	19.05	149	852939	38.050	ng		99
74) Fluoranthene	20.15	202	1066360	38.468	ng		96
76) Benzidine	20.31	184	258084	18.892	ng		98
77) Pyrene	20.51	202	1072109	37.921	ng		98
79) Butylbenzylphthalate	21.38	149	378038	39.832	ng	#	75
80) Benzo(a)anthracene	22.47	228	1080921	38.392	ng		99
81) 3,3'-Dichlorobenzidine	22.36	252	258096	23.644	ng	#	95
82) Chrysene	22.55	228	1013455	38.044	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	532790	38.747	ng	#	99
84) Di-n-octyl phthalate	23.72	149	912894	39.421	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.58	276	1348458	39.457	ng	#	91
87) Benzo(b)fluoranthene	25.04	252	1153565	39.157	ng	#	97
88) Benzo(k)fluoranthene	25.12	252	1104265	37.455	ng	#	98
89) Benzo(a)pyrene	26.06	252	1111119	39.381	ng	#	98
90) Dibenzo(a,h)anthracene	30.66	278	1130155	38.784	ng		96
91) Benzo(g,h,i)perylene	30.58	276	1348458	39.195	ng	#	94

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

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