Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122917\
Data File : BG031856.D
Acq On : 29 Dec 2017 16:20
Operator : SJ/JU
Sample : IDOC-04 RM
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : IDOC-04 RM

Quant Time: Dec 29 17:48:31 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	8.79	152	57775	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	245178	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	168574	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	409456	20.00	ng		-0.01
75) Chrysene-d12	22.50	240	460410	20.00	ng		-0.01
86) Perylene-d12	26.23	264	494224	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	358673	113.07	ng		0.00
7) Phenol-d6	7.89	99	480965	116.79	ng		0.00
23) Nitrobenzene-d5	9.99	82	259807	80.02	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	309528	120.34	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	932061	69.40	ng		0.00
78) Terphenyl-d14	20.68	244	1572158	78.01	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.86	88	31841	27.079	ng	#	71
3) Pyridine	4.32	79	76544	24.353	ng	#	77
4) n-Nitrosodimethylamine	4.22	42	38406	30.281	ng	#	76
6) Aniline	8.08	93	90116	17.007	ng	#	89
8) 2-Chlorophenol	8.34	128	129766	35.267	ng	#	81
9) Benzaldehyde	7.88	77	37225	15.011	ng	#	76
10) Phenol	7.92	94	152241	36.615	ng		88
11) bis(2-Chloroethyl)ether	8.17	93	105157	30.453	ng	#	78
12) 1,3-Dichlorobenzene	8.67	146	141753	31.023	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	141711	30.360	ng		93
14) 1,2-Dichlorobenzene	9.16	146	139623	31.569	ng		96
15) Benzyl Alcohol	9.02	79	100891	32.634	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.32	45	106560	37.894	ng		80
17) 2-Methylphenol	9.22	107	105503	35.463	ng		95
18) Hexachloroethane	9.92	117	45290	32.037	ng		89
19) n-Nitroso-di-n-propylamine	9.60	70	80711	28.696	ng	#	82
20) 3+4-Methylphenols	9.55	107	147263	34.828	ng		93
22) Acetophenone	9.63	105	183480	32.211	ng	#	86
24) Nitrobenzene	10.03	77	116496	34.813	ng	#	81
25) Isophorone	10.55	82	230154	32.928	ng	#	86
26) 2-Nitrophenol	10.76	139	76976	43.873	ng	#	79
27) 2,4-Dimethylphenol	10.79	122	141580	38.347	ng		87
28) bis(2-Chloroethoxy)methane	11.03	93	148964	31.762	ng	#	95
29) 2,4-Dichlorophenol	11.30	162	157951	36.442	ng		90
30) 1,2,4-Trichlorobenzene	11.52	180	164412	31.067	ng		96
31) Naphthalene	11.73	128	398260	32.186	ng		99
32) Benzoic acid	10.87	122	47274	22.852	ng	#	79
33) 4-Chloroaniline	11.81	127	90862	16.494	ng	#	88
34) Hexachlorobutadiene	11.99	225	107214	29.509	ng		94
35) Caprolactam	12.56	113	49429	37.623	ng	#	51
36) 4-Chloro-3-methylphenol	12.88	107	142200	35.523	ng	#	80
37) 2-Methylnaphthalene	13.28	142	328027	32.702	ng		94
39) 1,2,4,5-Tetrachlorobenzene	13.64	216	221017	31.127	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	240989	64.336	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	148038	36.161	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	157824	34.787	ng	#	91
45) 1,1'-Biphenyl	14.26	154	463110	32.165	ng		94
46) 2-Chloronaphthalene	14.31	162	349748	31.847	ng		95
47) 2-Nitroaniline	14.49	65	75746	39.936	ng	#	65
48) Acenaphthylene	15.15	152	538275	30.637	ng		99
49) Dimethylphthalate	14.85	163	533267	35.909	ng		99
50) 2,6-Dinitrotoluene	14.97	165	104383	38.208	ng	#	64
51) Acenaphthene	15.49	154	394474	34.283	ng		97
52) 3-Nitroaniline	15.30	138	64787	24.307	ng	#	72
53) 2,4-Dinitrophenol	15.50	184	108746	92.391	ng	#	73
54) Dibenzofuran	15.81	168	564547	32.007	ng		97
55) 4-Nitrophenol	15.58	139	166969	76.966	ng	#	70
56) 2,4-Dinitrotoluene	15.75	165	146797	41.788	ng	#	61
57) Fluorene	16.46	166	450516	31.441	ng		97
58) 2,3,4,6-Tetrachlorophenol	16.02	232	162195	36.643	ng	#	86
59) Diethylphthalate	16.19	149	450987	31.157	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	269996	30.796	ng		92
61) 4-Nitroaniline	16.46	138	89461	34.395	ng		80
62) Azobenzene	16.73	77	296858	31.980	ng		81
64) 4,6-Dinitro-2-methylphenol	16.51	198	77923	40.656	ng	#	67
65) n-Nitrosodiphenylamine	16.64	169	420503	30.922	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	193894	32.747	ng		93
67) Hexachlorobenzene	17.45	284	201069	33.219	ng	#	88
68) Atrazine	17.57	200	179572	33.960	ng		97
69) Pentachlorophenol	17.79	266	267478	64.248	ng		98
70) Phenanthrene	18.19	178	748792	32.314	ng		99
71) Anthracene	18.28	178	780918	33.409	ng		99
72) Carbazole	18.54	167	675196	32.636	ng		99
73) Di-n-butylphthalate	19.05	149	754798	32.829	ng		99
74) Fluoranthene	20.15	202	932206	32.787	ng		97
76) Benzidine	20.31	184	250388	17.620	ng		99
77) Pyrene	20.51	202	950448	32.318	ng		99
79) Butylbenzylphthalate	21.37	149	334471	33.878	ng	#	76
80) Benzo(a)anthracene	22.47	228	959010	32.745	ng		98
81) 3,3'-Dichlorobenzidine	22.36	252	237341	20.902	ng		96
82) Chrysene	22.55	228	891489	32.171	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	465044	32.513	ng	#	98
84) Di-n-octyl phthalate	23.72	149	802668	33.321	ng	#	87
85) Indeno(1,2,3-cd)pyrene	30.56	276	1198345	33.709	ng	#	89
87) Benzo(b)fluoranthene	25.03	252	1004130	32.731	ng	#	98
88) Benzo(k)fluoranthene	25.11	252	978064	31.856	ng	#	98
89) Benzo(a)pyrene	26.05	252	978684	33.309	ng	#	97
90) Dibenzo(a,h)anthracene	30.64	278	994003	32.757	ng		97
91) Benzo(g,h,i)perylene	30.56	276	1198345	33.448	ng	#	94

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

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