Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
Data File : BG031880.D
Acq On : 2 Jan 2018 20:32
Operator : SJ/JU
Sample : I6686-08MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-122817MS

Manual Integrations APPROVED

Sohil

1/3/2018 10:25:18 AM

Quant Time: Jan 03 00:49:39 2018
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	43493	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	184946	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	136250	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	369409	20.00	ng		-0.01
75) Chrysene-d12	22.49	240	419730	20.00	ng		-0.02
86) Perylene-d12	26.22	264	450440	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	342313	143.35	ng		0.00
7) Phenol-d6	7.89	99	412662	133.10	ng		0.00
23) Nitrobenzene-d5	9.99	82	262551	107.20	ng		0.00
41) 2,4,6-Tribromophenol	16.89	330	345963	166.41	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	958471	88.29	ng		0.00
78) Terphenyl-d14	20.68	244	1840923	100.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	30906	34.915	ng	#	73
3) Pyridine	4.33	79	64620	27.311	ng	#	79
4) n-Nitrosodimethylamine	4.22	42	35332	37.005	ng	#	69
6) Aniline	8.08	93	21210	5.317	ng		99
8) 2-Chlorophenol	8.33	128	117849	42.546	ng	#	80
9) Benzaldehyde	7.88	77	32559	17.441	ng	#	83
10) Phenol	7.92	94	118305	37.796	ng		93
11) bis(2-Chloroethyl)ether	8.17	93	93090	35.811	ng	#	83
12) 1,3-Dichlorobenzene	8.67	146	128931m	37.482	ng		
13) 1,4-Dichlorobenzene	8.82	146	131442	37.408	ng		96
14) 1,2-Dichlorobenzene	9.16	146	125397	37.663	ng		98
15) Benzyl Alcohol	9.02	79	93242	40.063	ng		88
16) 2,2'-oxybis(1-Chloropropan	9.32	45	97527	46.070	ng		87
17) 2-Methylphenol	9.22	107	94273	42.093	ng		97
18) Hexachloroethane	9.91	117	40559	38.111	ng	#	84
19) n-Nitroso-di-n-propylamine	9.60	70	74729	35.294	ng	#	83
20) 3+4-Methylphenols	9.55	107	129260	40.609	ng		93
22) Acetophenone	9.63	105	170921	39.778	ng	#	85
24) Nitrobenzene	10.03	77	109717	43.465	ng	#	81
25) Isophorone	10.55	82	216415	41.046	ng	#	85
26) 2-Nitrophenol	10.76	139	67290	50.842	ng	#	80
27) 2,4-Dimethylphenol	10.79	122	120389	43.227	ng		89
28) bis(2-Chloroethoxy)methane	11.03	93	133870	37.840	ng	#	93
29) 2,4-Dichlorophenol	11.30	162	143563	43.909	ng		90
30) 1,2,4-Trichlorobenzene	11.52	180	150676	37.744	ng		95
31) Naphthalene	11.72	128	533703	57.180	ng		98
32) Benzoic acid	10.90	122	67511	37.284	ng	#	80
33) 4-Chloroaniline	11.81	127	20816	5.009	ng	#	92
34) Hexachlorobutadiene	11.99	225	96823	35.328	ng		97
35) Caprolactam	12.56	113	37020	37.354	ng	#	54
36) 4-Chloro-3-methylphenol	12.88	107	136705	45.272	ng	#	78
37) 2-Methylnaphthalene	13.28	142	315622	41.713	ng		92
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	209616	36.525	ng	#	97
40) Hexachlorocyclopentadiene	13.61	237	224582	74.180	ng		92

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	138252	41.783	ng		98
43) 2,4,5-Trichlorophenol	13.93	196	152623	41.622	ng	#	88
45) 1,1'-Biphenyl	14.26	154	448845	38.570	ng		96
46) 2-Chloronaphthalene	14.31	162	339632	38.263	ng		95
47) 2-Nitroaniline	14.50	65	76600	49.967	ng	#	64
48) Acenaphthylene	15.15	152	538550	37.925	ng		98
49) Dimethylphthalate	14.84	163	469859	39.145	ng		98
50) 2,6-Dinitrotoluene	14.97	165	104441	47.299	ng	#	65
51) Acenaphthene	15.48	154	387252	41.639	ng		99
52) 3-Nitroaniline	15.30	138	29293	13.597	ng	#	72
53) 2,4-Dinitrophenol	15.50	184	98386	102.509	ng	#	71
54) Dibenzofuran	15.81	168	573099	40.200	ng		97
55) 4-Nitrophenol	15.58	139	149931	85.509	ng	#	70
56) 2,4-Dinitrotoluene	15.75	165	151279	53.280	ng	#	63
57) Fluorene	16.45	166	462259	39.914	ng		100
58) 2,3,4,6-Tetrachlorophenol	16.02	232	159864	44.685	ng	#	86
59) Diethylphthalate	16.19	149	461194	39.422	ng		95
60) 4-Chlorophenyl-phenylether	16.43	204	268766	37.928	ng		93
61) 4-Nitroaniline	16.45	138	76330	36.308	ng		82
62) Azobenzene	16.72	77	297388	39.637	ng		84
64) 4,6-Dinitro-2-methylphenol	16.51	198	73357	42.062	ng	#	68
65) n-Nitrosodiphenylamine	16.64	169	429815	35.033	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	201877	37.791	ng		94
67) Hexachlorobenzene	17.45	284	206700	37.852	ng	#	91
68) Atrazine	17.56	200	189945	39.815	ng		96
69) Pentachlorophenol	17.79	266	271806	72.365	ng		98
70) Phenanthrene	18.19	178	815511	39.009	ng		99
71) Anthracene	18.28	178	817150	38.748	ng		98
72) Carbazole	18.54	167	728825	39.047	ng		99
73) Di-n-butylphthalate	19.05	149	800241	38.578	ng		99
74) Fluoranthene	20.15	202	1028373	40.090	ng		97
77) Pyrene	20.51	202	1044445	38.956	ng		98
79) Butylbenzylphthalate	21.37	149	352740	39.192	ng	#	77
80) Benzo(a)anthracene	22.47	228	1027801	38.495	ng		99
81) 3,3'-Dichlorobenzidine	22.35	252	80851	7.810	ng	#	98
82) Chrysene	22.55	228	969036	38.359	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	490273	37.599	ng	#	98
84) Di-n-octyl phthalate	23.71	149	837587	38.140	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.55	276	1296154	39.994	ng	#	89
87) Benzo(b)fluoranthene	25.03	252	1080653	38.649	ng	#	97
88) Benzo(k)fluoranthene	25.10	252	1071097	38.278	ng	#	96
89) Benzo(a)pyrene	26.04	252	1034610	38.636	ng	#	96
90) Dibenzo(a,h)anthracene	30.64	278	1073258	38.807	ng	#	98
91) Benzo(g,h,i)perylene	30.55	276	1296154	39.695	ng	#	92

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

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