Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
Data File : BG031881.D
Acq On : 2 Jan 2018 21:10
Operator : SJ/JU
Sample : I6686-08MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TR-05-122817MSD

Manual Integrations APPROVED
Sohil
1/3/2018 10:25:21 AM

Quant Time: Jan 03 00:53:52 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	44982	20.00	ng		0.00
21) Naphthalene-d8	11.67	136	188400	20.00	ng		0.00
38) Acenaphthene-d10	15.42	164	138806	20.00	ng		0.00
63) Phenanthrene-d10	18.15	188	369592	20.00	ng		-0.01
75) Chrysene-d12	22.50	240	418063	20.00	ng		-0.01
86) Perylene-d12	26.23	264	445856	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	6.21	112	352020	142.54	ng		0.00
7) Phenol-d6	7.89	99	426758	133.09	ng		0.00
23) Nitrobenzene-d5	9.99	82	265751	106.52	ng		0.00
41) 2,4,6-Tribromophenol	16.90	330	343224	162.05	ng		0.00
44) 2-Fluorobiphenyl	14.05	172	954192	86.28	ng		0.00
78) Terphenyl-d14	20.69	244	1815025	99.19	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.87	88	38766	42.345	ng	#	75
3) Pyridine	4.33	79	75229	30.742	ng	#	78
4) n-Nitrosodimethylamine	4.22	42	47001	47.598	ng	#	81
6) Aniline	8.08	93	28741	6.967	ng	#	85
8) 2-Chlorophenol	8.33	128	149737	52.269	ng		84
9) Benzaldehyde	7.88	77	11576	5.996	ng	#	73
10) Phenol	7.92	94	150627	46.530	ng		91
11) bis(2-Chloroethyl)ether	8.17	93	120100	44.672	ng	#	82
12) 1,3-Dichlorobenzene	8.67	146	169398	47.617	ng	#	94
13) 1,4-Dichlorobenzene	8.82	146	170952	47.041	ng		93
14) 1,2-Dichlorobenzene	9.16	146	162430	47.171	ng		94
15) Benzyl Alcohol	9.02	79	117378	48.764	ng		89
16) 2,2'-oxybis(1-Chloropropan	9.31	45	123354	56.342	ng		79
17) 2-Methylphenol	9.22	107	119128	51.431	ng		95
18) Hexachloroethane	9.92	117	52860	48.026	ng		89
19) n-Nitroso-di-n-propylamine	9.60	70	94388	43.104	ng	#	80
20) 3+4-Methylphenols	9.55	107	163949	49.802	ng		96
22) Acetophenone	9.63	105	213110	48.688	ng	#	85
24) Nitrobenzene	10.03	77	136539	53.099	ng	#	84
25) Isophorone	10.55	82	270081	50.285	ng	#	86
26) 2-Nitrophenol	10.76	139	85058	63.089	ng	#	79
27) 2,4-Dimethylphenol	10.79	122	157061	55.361	ng		90
28) bis(2-Chloroethoxy)methane	11.03	93	170406	47.284	ng	#	95
29) 2,4-Dichlorophenol	11.30	162	179863	54.003	ng		90
30) 1,2,4-Trichlorobenzene	11.53	180	190003	46.722	ng		98
31) Naphthalene	11.73	128	595902	62.673	ng		99
32) Benzoic acid	10.91	122	91565	47.422	ng	#	77
33) 4-Chloroaniline	11.81	127	23311	5.507	ng	#	90
34) Hexachlorobutadiene	11.99	225	124159	44.472	ng		96
35) Caprolactam	12.56	113	52060	51.567	ng	#	43
36) 4-Chloro-3-methylphenol	12.88	107	171055	55.610	ng	#	82
37) 2-Methylnaphthalene	13.28	142	388938	50.460	ng		90
39) 1,2,4,5-Tetrachlorobenzene	13.63	216	259138	44.323	ng	#	96
40) Hexachlorocyclopentadiene	13.61	237	278024	90.141	ng		91

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.86	196	171826	50.973	ng		94
43) 2,4,5-Trichlorophenol	13.93	196	188963	50.583	ng	#	90
45) 1,1'-Biphenyl	14.26	154	550411	46.427	ng		96
46) 2-Chloronaphthalene	14.31	162	418256	46.253	ng		96
47) 2-Nitroaniline	14.49	65	94292	60.375	ng	#	68
48) Acenaphthylene	15.15	152	660828	45.679	ng		99
49) Dimethylphthalate	14.85	163	584507	47.800	ng	#	98
50) 2,6-Dinitrotoluene	14.97	165	132592	58.942	ng	#	63
51) Acenaphthene	15.49	154	491395	51.864	ng		96
52) 3-Nitroaniline	15.30	138	32273	14.705	ng	#	67
53) 2,4-Dinitrophenol	15.50	184	147875	147.607	ng	#	73
54) Dibenzofuran	15.81	168	701433	48.296	ng		98
55) 4-Nitrophenol	15.59	139	197223	110.409	ng	#	70
56) 2,4-Dinitrotoluene	15.75	165	191619	66.245	ng	#	63
57) Fluorene	16.46	166	572579	48.529	ng		95
58) 2,3,4,6-Tetrachlorophenol	16.03	232	200940m	55.132	ng		
59) Diethylphthalate	16.19	149	566212	47.507	ng		96
60) 4-Chlorophenyl-phenylether	16.43	204	334734	46.368	ng		92
61) 4-Nitroaniline	16.46	138	93733	43.766	ng	#	75
62) Azobenzene	16.73	77	364198	47.648	ng		83
64) 4,6-Dinitro-2-methylphenol	16.51	198	102174	55.299	ng	#	67
65) n-Nitrosodiphenylamine	16.64	169	527871	43.004	ng		99
66) 4-Bromophenyl-phenylether	17.32	248	247526	46.314	ng		95
67) Hexachlorobenzene	17.45	284	259813	47.554	ng	#	89
68) Atrazine	17.57	200	219280	45.942	ng		99
69) Pentachlorophenol	17.79	266	350712	93.326	ng		99
70) Phenanthrene	18.19	178	987124	47.194	ng		99
71) Anthracene	18.28	178	996675	47.238	ng		99
72) Carbazole	18.54	167	886112	47.450	ng		100
73) Di-n-butylphthalate	19.05	149	974865	46.973	ng		99
74) Fluoranthene	20.15	202	1237055	48.202	ng		97
76) Benzidine	20.31	184	49638	3.847	ng		96
77) Pyrene	20.51	202	1255567	47.017	ng		97
79) Butylbenzylphthalate	21.37	149	435906	48.625	ng	#	77
80) Benzo(a)anthracene	22.47	228	1241041	46.667	ng		98
81) 3,3'-Dichlorobenzidine	22.36	252	122787	11.909	ng	#	97
82) Chrysene	22.55	228	1169827	46.492	ng		98
83) Bis(2-ethylhexyl)phthalate	22.32	149	603436	46.462	ng	#	97
84) Di-n-octyl phthalate	23.72	149	1022721	46.756	ng	#	88
85) Indeno(1,2,3-cd)pyrene	30.57	276	1585833	49.127	ng	#	87
87) Benzo(b)fluoranthene	25.03	252	1328678	48.008	ng	#	96
88) Benzo(k)fluoranthene	25.11	252	1277469	46.122	ng	#	97
89) Benzo(a)pyrene	26.06	252	1271247	47.961	ng	#	97
90) Dibenzo(a,h)anthracene	30.66	278	1315771	48.065	ng		95
91) Benzo(g,h,i)perylene	30.57	276	1585833	49.066	ng	#	94

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

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