Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG062117\
Data File : BG027588.D
Acq On : 22 Jun 2017 9:42
Operator : SJ/JU
Sample : I3799-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-02-7.5-8.0MS

Manual Integrations APPROVED
mohammad
6/22/2017 6:04:49 PM

Quant Time: Jun 22 14:33:39 2017
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 21 18:52:15 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	20266	20.00	ng		0.00
21) Naphthalene-d8	11.32	136	100736	20.00	ng		0.00
38) Acenaphthene-d10	15.09	164	66965	20.00	ng		0.00
63) Phenanthrene-d10	17.84	188	174710	20.00	ng		0.00
75) Chrysene-d12	22.21	240	199503	20.00	ng		0.00
86) Perylene-d12	25.84	264	186429	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	6.09	112	237765	166.98	ng		0.00
7) Phenol-d6	7.64	99	342059	162.27	ng		0.00
23) Nitrobenzene-d5	9.67	82	219213	102.97	ng		0.00
41) 2,4,6-Tribromophenol	16.58	330	172319	172.61	ng		0.00
44) 2-Fluorobiphenyl	13.71	172	503214	102.65	ng		0.00
78) Terphenyl-d14	20.41	244	914505	108.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	4.09	88	22570	40.825	ng		92
3) Pyridine	4.47	79	61575	34.405	ng	#	79
4) n-Nitrosodimethylamine	4.38	42	41430	50.723	ng		83
6) Aniline	7.83	93	120575	46.869	ng		95
8) 2-Chlorophenol	8.07	128	83668	55.531	ng		94
9) Benzaldehyde	7.65	77	56660	39.556	ng		97
10) Phenol	7.67	94	127897	59.557	ng		92
11) bis(2-Chloroethyl)ether	7.91	93	80583	47.943	ng		91
12) 1,3-Dichlorobenzene	8.40	146	76366	48.014	ng		95
13) 1,4-Dichlorobenzene	8.54	146	78581	48.938	ng		97
14) 1,2-Dichlorobenzene	8.86	146	76027	48.183	ng		96
15) Benzyl Alcohol	8.73	79	95732	56.879	ng		93
16) 2,2'-oxybis(1-Chloropropan	9.01	45	120756	43.301	ng		90
17) 2-Methylphenol	8.92	107	78902	52.215	ng		96
18) Hexachloroethane	9.60	117	30627	48.639	ng		87
19) n-Nitroso-di-n-propylamine	9.30	70	80922	48.329	ng	#	86
20) 3+4-Methylphenols	9.25	107	111042	53.671	ng		91
22) Acetophenone	9.32	105	141378	51.177	ng	#	86
24) Nitrobenzene	9.71	77	116055	49.734	ng		93
25) Isophorone	10.23	82	218999	50.069	ng		98
26) 2-Nitrophenol	10.42	139	46005	53.300	ng		95
27) 2,4-Dimethylphenol	10.46	122	90288	55.390	ng		94
28) bis(2-Chloroethoxy)methane	10.70	93	121498	49.285	ng		98
29) 2,4-Dichlorophenol	10.96	162	83601	59.378	ng		97
30) 1,2,4-Trichlorobenzene	11.18	180	81531	50.651	ng		97
31) Naphthalene	11.38	128	269012	49.408	ng		99
32) Benzoic acid	10.55	122	22186	23.846	ng		98
33) 4-Chloroaniline	11.47	127	70782	30.653	ng		95
34) Hexachlorobutadiene	11.65	225	49598	50.987	ng		97
35) Caprolactam	12.25	113	35338m	53.853	ng		
36) 4-Chloro-3-methylphenol	12.55	107	124515	57.666	ng		98
37) 2-Methylnaphthalene	12.94	142	209834	53.030	ng		98
39) 1,2,4,5-Tetrachlorobenzene	13.30	216	105804	50.384	ng		98
40) Hexachlorocyclopentadiene	13.27	237	127854	113.589	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.53	196	77020	56.759	ng		97
43) 2,4,5-Trichlorophenol	13.60	196	83510	52.371	ng	#	96
45) 1,1'-Biphenyl	13.93	154	285083	51.056	ng		95
46) 2-Chloronaphthalene	13.98	162	211114	50.836	ng		95
47) 2-Nitroaniline	14.17	65	96189	51.595	ng		96
48) Acenaphthylene	14.82	152	349040	47.965	ng		97
49) Dimethylphthalate	14.53	163	524663	89.482	ng		98
50) 2,6-Dinitrotoluene	14.65	165	68742	54.031	ng		93
51) Acenaphthene	15.15	154	277636	54.757	ng		95
52) 3-Nitroaniline	14.99	138	51229	38.147	ng		97
53) 2,4-Dinitrophenol	15.19	184	77115	107.238	ng	#	85
54) Dibenzofuran	15.48	168	354553	53.687	ng		99
55) 4-Nitrophenol	15.28	139	120835	107.469	ng	#	79
56) 2,4-Dinitrotoluene	15.44	165	99230	55.003	ng	#	99
57) Fluorene	16.13	166	310454	49.637	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.71	232	85745	61.066	ng		92
59) Diethylphthalate	15.88	149	335567	52.449	ng		96
60) 4-Chlorophenyl-phenylether	16.11	204	158141	51.381	ng		93
61) 4-Nitroaniline	16.15	138	78402	53.212	ng	#	85
62) Azobenzene	16.40	77	350941	53.494	ng		93
64) 4,6-Dinitro-2-methylphenol	16.20	198	57428	51.762	ng		76
65) n-Nitrosodiphenylamine	16.33	169	271996	50.786	ng		99
66) 4-Bromophenyl-phenylether	17.01	248	102788	53.494	ng	#	88
67) Hexachlorobenzene	17.14	284	107566	52.384	ng		95
68) Atrazine	17.27	200	102708	52.348	ng		97
69) Pentachlorophenol	17.48	266	139420	109.305	ng		99
70) Phenanthrene	17.89	178	504092	50.719	ng		94
71) Anthracene	17.97	178	513023	51.267	ng		97
72) Carbazole	18.24	167	450108	46.170	ng		96
73) Di-n-butylphthalate	18.76	149	573142	52.470	ng	#	95
74) Fluoranthene	19.87	202	595555	51.432	ng		94
76) Benzidine	20.04	184	345367	70.534	ng		98
77) Pyrene	20.24	202	604337	49.832	ng		96
79) Butylbenzylphthalate	21.11	149	267771	52.901	ng		95
80) Benzo(a)anthracene	22.19	228	599859	50.113	ng		93
81) 3,3'-Dichlorobenzidine	22.08	252	146545	33.862	ng	#	99
82) Chrysene	22.26	228	556760	49.088	ng		95
83) Bis(2-ethylhexyl)phthalate	22.04	149	386448	52.086	ng		98
84) Di-n-octyl phthalate	23.39	149	661634	53.612	ng	#	90
85) Indeno(1,2,3-cd)pyrene	30.03	276	691432	53.494	ng	#	95
87) Benzo(b)fluoranthene	24.68	252	611689	51.318	ng	#	95
88) Benzo(k)fluoranthene	24.76	252	581346	49.850	ng	#	94
89) Benzo(a)pyrene	25.68	252	579838	51.546	ng	#	94
90) Dibenzo(a,h)anthracene	30.11	278	588218	51.337	ng	#	96
91) Benzo(g,h,i)perylene	31.35	276	560624	50.373	ng	#	92

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

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