Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091020\
Data File : BG046590.D
Acq On : 10 Sep 2020 20:32
Operator : CG/JU
Sample : L3870-05MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SU-04-090820MS

Manual Integrations APPROVED
mohammad
9/11/2020 11:47:53 AM

Quant Time: Sep 11 01:24:13 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	74979	20.00	ng	0.00
21) Naphthalene-d8	10.73	136	297333	20.00	ng	0.00
39) Acenaphthene-d10	14.56	164	206117	20.00	ng	0.00
64) Phenanthrene-d10	17.30	188	467314	20.00	ng	0.00
76) Chrysene-d12	21.55	240	463953	20.00	ng	0.00
86) Perylene-d12	24.64	264	477741	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	498002	117.64	ng	0.00
7) Phenol-d6	7.11	99	609186	101.51	ng	0.00
23) Nitrobenzene-d5	9.09	82	454723	87.41	ng	0.00
42) 2,4,6-Tribromophenol	16.05	330	308952	110.63	ng	0.00
45) 2-Fluorobiphenyl	13.18	172	1109650	82.18	ng	0.00
79) Terphenyl-d14	19.91	244	1705949	78.25	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.43	88	68545	38.920	ng	# 46
3) Pyridine	3.83	79	197517	38.331	ng	99
4) n-Nitrosodimethylamine	3.73	42	89656	47.175	ng	98
6) Aniline	7.25	93	180074	26.666	ng	98
8) 2-Chlorophenol	7.50	128	233375	52.160	ng	99
9) Benzaldehyde	7.06	77	101926	30.315	ng	95
10) Phenol	7.14	94	252987	45.770	ng	99
11) bis(2-Chloroethyl)ether	7.35	93	219153	49.327	ng	98
12) 1,3-Dichlorobenzene	7.82	146	253749	44.670	ng	99
13) 1,4-Dichlorobenzene	7.96	146	254899	44.822	ng	99
14) 1,2-Dichlorobenzene	8.28	146	248182	45.514	ng	99
15) Benzyl Alcohol	8.17	79	205585	53.360	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.46	45	328380	47.650	ng	100
17) 2-Methylphenol	8.38	107	197650	50.422	ng	97
18) Hexachloroethane	9.01	117	87061	45.151	ng	93
19) n-Nitroso-di-n-propylamine	8.73	70	179456	49.993	ng	99
20) 3+4-Methylphenols	8.70	107	270335	49.964	ng	99
22) Acetophenone	8.75	105	340514	47.047	ng	# 98
24) Nitrobenzene	9.13	77	253090	49.244	ng	97
25) Isophorone	9.65	82	489550	51.328	ng	100
26) 2-Nitrophenol	9.84	139	137640	50.759	ng	95
27) 2,4-Dimethylphenol	9.90	122	220177	59.036	ng	95
28) bis(2-Chloroethoxy)methane	10.13	93	302657	49.302	ng	99
29) 2,4-Dichlorophenol	10.38	162	255239	51.337	ng	99
30) 1,2,4-Trichlorobenzene	10.59	180	268655	45.542	ng	99
31) Naphthalene	10.77	128	701265	48.304	ng	99
32) Benzoic acid	10.04	122	10314m	8.797	ng	
33) 4-Chloroaniline	10.89	127	39575	6.182	ng	98
34) Hexachlorobutadiene	11.07	225	170756	44.591	ng	97
35) Caprolactam	11.66	113	67351m	36.240	ng	
36) 4-Chloro-3-methylphenol	12.02	107	250821	51.580	ng	94
37) 2-Methylnaphthalene	12.38	142	550171	48.051	ng	99
38) 1-Methylnaphthalene	12.60	142	522041	48.134	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	327983	48.254	ng	100

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QLast Update : Wed Sep 02 15:06:53 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.74	237	309040	104.565	ng	98
43) 2,4,6-Trichlorophenol	12.99	196	223170	48.655	ng	98
44) 2,4,5-Trichlorophenol	13.07	196	242198	50.257	ng	99
46) 1,1'-Biphenyl	13.39	154	718982	50.137	ng	99
47) 2-Chloronaphthalene	13.43	162	564425	46.421	ng	99
48) 2-Nitroaniline	13.63	65	153426	45.443	ng	99
49) Acenaphthylene	14.28	152	879848	47.704	ng	100
50) Dimethylphthalate	14.02	163	729996	45.779	ng	99
51) 2,6-Dinitrotoluene	14.13	165	167177	47.560	ng	98
52) Acenaphthene	14.63	154	537431	47.022	ng	99
53) 3-Nitroaniline	14.46	138	84467	22.184	ng	96
54) 2,4-Dinitrophenol	14.67	184	77146	37.599	ng	96
55) Dibenzofuran	14.96	168	864579	47.136	ng	99
56) 4-Nitrophenol	14.79	139	229276	81.819	ng	96
57) 2,4-Dinitrotoluene	14.92	165	232440	46.376	ng	96
58) Fluorene	15.61	166	723871	47.021	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.19	232	221295	47.287	ng	99
60) Diethylphthalate	15.38	149	712456	45.825	ng	99
61) 4-Chlorophenyl-phenylether	15.60	204	391737	46.204	ng	96
62) 4-Nitroaniline	15.63	138	158085	39.348	ng	99
63) Azobenzene	15.89	77	605452	47.873	ng	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	89553	33.857	ng	96
66) n-Nitrosodiphenylamine	15.81	169	643202	51.019	ng	99
67) 4-Bromophenyl-phenylether	16.49	248	272139	49.915	ng	99
68) Hexachlorobenzene	16.62	284	283510	46.954	ng	98
69) Atrazine	16.77	200	201880	39.252	ng	99
70) Pentachlorophenol	16.96	266	267391	84.758	ng	100
71) Phenanthrene	17.34	178	1145631	48.366	ng	99
72) Anthracene	17.44	178	1164510	49.829	ng	98
73) Carbazole	17.71	167	1056140	47.865	ng	99
74) Di-n-butylphthalate	18.27	149	1202716	47.402	ng	99
75) Fluoranthene	19.36	202	1416703	46.476	ng	99
77) Benzidine	19.53	184	200311	18.580	ng	97
78) Pyrene	19.71	202	1407493	47.640	ng	99
80) Butylbenzylphthalate	20.60	149	551042	47.817	ng	96
81) Benzo(a)anthracene	21.53	228	1366438	47.252	ng	99
82) 3,3'-Dichlorobenzidine	21.45	252	294543	27.446	ng	100
83) Chrysene	21.59	228	1324590	47.618	ng	100
84) Bis(2-ethylhexyl)phthalate	21.45	149	779434	49.562	ng	99
85) Di-n-octyl phthalate	22.62	149	1348792	50.089	ng	100
87) Indeno(1,2,3-cd)pyrene	28.17	276	1703960	49.660	ng	100
88) Benzo(b)fluoranthene	23.67	252	1457800	48.869	ng	97
89) Benzo(k)fluoranthene	23.74	252	1431562	49.655	ng	99
90) Benzo(a)pyrene	24.51	252	1329440	47.755	ng	99
91) Dibenzo(a,h)anthracene	28.22	278	1394187	50.351	ng	99
92) Benzo(g,h,i)perylene	29.26	276	1401714	50.695	ng	98

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

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