Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
Data File : BG045522.D
Acq On : 29 May 2020 13:58
Operator : CG/JU
Sample : PB129160BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129160BS

Manual Integrations APPROVED
mohammad
6/1/2020 12:22:43 PM

Quant Time: May 29 14:52:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 29 11:17:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	68251	20.00	ng		0.00
21) Naphthalene-d8	10.77	136	269387	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	189617	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	454123	20.00	ng		0.00
76) Chrysene-d12	21.61	240	424031	20.00	ng		0.00
87) Perylene-d12	24.75	264	465712	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	488256	139.81	ng		0.00
7) Phenol-d6	7.16	99	679739	136.75	ng		0.00
23) Nitrobenzene-d5	9.12	82	428148	86.67	ng		0.00
42) 2,4,6-Tribromophenol	16.10	330	315049	129.92	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	973987	87.13	ng		0.00
79) Terphenyl-d14	19.96	244	1638028	90.10	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	60251	34.79	ng		95
3) Pyridine	3.80	79	144723	30.01	ng		92
4) n-Nitrosodimethylamine	3.72	42	66320	42.02	ng		94
6) Aniline	7.28	93	208298	32.10	ng		96
8) 2-Chlorophenol	7.53	128	184293	48.12	ng		98
9) Benzaldehyde	7.09	77	116892	36.09	ng		97
10) Phenol	7.19	94	240673	46.98	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	166861	41.76	ng		98
12) 1,3-Dichlorobenzene	7.85	146	195205	42.41	ng		98
13) 1,4-Dichlorobenzene	7.99	146	196827	43.34	ng		98
14) 1,2-Dichlorobenzene	8.31	146	185446	42.45	ng		99
15) Benzyl Alcohol	8.20	79	180449	43.95	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.49	45	155634	41.03	ng		96
17) 2-Methylphenol	8.43	107	166867	43.52	ng		96
18) Hexachloroethane	9.04	117	75549	43.43	ng		94
19) n-Nitroso-di-n-propylamine	8.76	70	149609	43.53	ng		99
20) 3+4-Methylphenols	8.76	107	222536	42.62	ng	#	88
22) Acetophenone	8.77	105	270827	42.42	ng	#	95
24) Nitrobenzene	9.16	77	228619	43.20	ng		97
25) Isophorone	9.68	82	407874	41.92	ng		97
26) 2-Nitrophenol	9.87	139	103139	45.55	ng		94
27) 2,4-Dimethylphenol	9.96	122	175396	52.23	ng		96
28) bis(2-Chloroethoxy)methane	10.17	93	227878	44.66	ng		97
29) 2,4-Dichlorophenol	10.43	162	184235	46.46	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	205484	43.85	ng		97
31) Naphthalene	10.81	128	551551	43.94	ng		99
32) Benzoic acid	10.13	122	107486	47.26	ng		89
33) 4-Chloroaniline	10.93	127	93122	17.75	ng		95
34) Hexachlorobutadiene	11.11	225	139609	42.15	ng		97
35) Caprolactam	11.69	113	64848m	44.55	ng		
36) 4-Chloro-3-methylphenol	12.08	107	208391	46.64	ng		98
37) 2-Methylnaphthalene	12.42	142	416904	44.56	ng		99
38) 1-Methylnaphthalene	12.64	142	394133	44.59	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.80	216	236182	44.59	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	283658	92.79	ng		98
43) 2,4,6-Trichlorophenol	13.05	196	162504	44.17	ng		95
44) 2,4,5-Trichlorophenol	13.13	196	170917	40.65	ng		93
46) 1,1'-Biphenyl	13.43	154	534450	45.87	ng		100
47) 2-Chloronaphthalene	13.47	162	409851	43.32	ng		98
48) 2-Nitroaniline	13.68	65	129633	41.65	ng		87
49) Acenaphthylene	14.32	152	687502	45.24	ng		99
50) Dimethylphthalate	14.06	163	555326	42.69	ng		97
51) 2,6-Dinitrotoluene	14.17	165	126505	43.10	ng		96
52) Acenaphthene	14.67	154	507988m	49.94	ng		
53) 3-Nitroaniline	14.51	138	71697	24.03	ng		97
54) 2,4-Dinitrophenol	14.71	184	160694	83.33	ng		94
55) Dibenzofuran	15.00	168	655862	43.42	ng		98
56) 4-Nitrophenol	14.87	139	197100	87.25	ng		96
57) 2,4-Dinitrotoluene	14.97	165	184191	43.33	ng		97
58) Fluorene	15.65	166	554301	44.66	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.24	232	168464	45.55	ng		97
60) Diethylphthalate	15.42	149	579943	42.84	ng		98
61) 4-Chlorophenyl-phenylether	15.64	204	302064	42.53	ng		98
62) 4-Nitroaniline	15.68	138	128760	41.34	ng		95
63) Azobenzene	15.94	77	551175	43.66	ng		98
65) 4,6-Dinitro-2-methylphenol	15.74	198	123698	46.77	ng		97
66) n-Nitrosodiphenylamine	15.86	169	493737	45.28	ng		95
67) 4-Bromophenyl-phenylether	16.53	248	214399	43.60	ng		96
68) Hexachlorobenzene	16.66	284	232062	45.12	ng		100
69) Atrazine	16.81	200	188578	41.99	ng		97
70) Pentachlorophenol	17.01	266	248522	93.06	ng		97
71) Phenanthrene	17.39	178	891094	44.95	ng		100
72) Anthracene	17.48	178	925718	46.50	ng		98
73) Carbazole	17.76	167	844883	43.54	ng		99
74) Di-n-butylphthalate	18.31	149	991653	42.57	ng		99
75) Fluoranthene	19.40	202	1111687	44.09	ng		100
77) Benzidine	19.58	184	525932	44.16	ng		99
78) Pyrene	19.76	202	1102401	45.61	ng		99
80) Butylbenzylphthalate	20.65	149	451195	43.25	ng		98
81) Benzo(a)anthracene	21.59	228	1059244	44.84	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	256379	27.67	ng		100
83) Chrysene	21.65	228	1011790	44.55	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	630770	43.98	ng		99
85) Di-n-octyl phthalate	22.69	149	1064840	43.23	ng		100
86) Indeno(1,2,3-cd)pyrene	28.33	276	1322455	44.53	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	1137434	45.54	ng		100
89) Benzo(k)fluoranthene	23.83	252	1086923	46.32	ng		99
90) Benzo(a)pyrene	24.61	252	1042076	44.80	ng		98
91) Dibenzo(a,h)anthracene	28.39	278	1068353	45.70	ng		97
92) Benzo(g,h,i)perylene	29.45	276	1084860	46.40	ng		99

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

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