Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045617.D
Acq On : 5 Jun 2020 15:17
Operator : CG/JU
Sample : PB129329BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB129329BS

Manual Integrations APPROVED
mohammad
6/8/2020 12:50:07 PM

Quant Time: Jun 05 18:09:17 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	61603	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	235965	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	162619	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	384949	20.00	ng		0.00
76) Chrysene-d12	21.60	240	383598	20.00	ng		0.00
87) Perylene-d12	24.75	264	414559	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	470584	149.29	ng		0.00
7) Phenol-d6	7.15	99	644992	143.76	ng		0.00
23) Nitrobenzene-d5	9.12	82	412112	95.24	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	295440	142.06	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	915121	95.45	ng		0.00
79) Terphenyl-d14	19.96	244	1596751	97.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	65214	41.72	ng		96
3) Pyridine	3.81	79	152067	34.93	ng		96
4) n-Nitrosodimethylamine	3.72	42	68426	48.03	ng		89
6) Aniline	7.28	93	208828	35.66	ng		95
8) 2-Chlorophenol	7.52	128	171275	49.55	ng		99
9) Benzaldehyde	7.08	77	107962	36.93	ng		93
10) Phenol	7.17	94	226120	48.90	ng		99
11) bis(2-Chloroethyl)ether	7.37	93	161707	44.84	ng		99
12) 1,3-Dichlorobenzene	7.84	146	185865	44.74	ng		96
13) 1,4-Dichlorobenzene	7.99	146	189784	46.29	ng		97
14) 1,2-Dichlorobenzene	8.31	146	177509	45.02	ng		95
15) Benzyl Alcohol	8.20	79	177450	47.88	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.48	45	150302	43.90	ng		99
17) 2-Methylphenol	8.42	107	151172	43.68	ng		94
18) Hexachloroethane	9.03	117	71569	45.58	ng		91
19) n-Nitroso-di-n-propylamine	8.76	70	141418	45.58	ng		99
20) 3+4-Methylphenols	8.75	107	203696	43.22	ng	#	91
22) Acetophenone	8.78	105	253435	45.32	ng		98
24) Nitrobenzene	9.16	77	213740	46.10	ng		99
25) Isophorone	9.68	82	381985	44.82	ng		98
26) 2-Nitrophenol	9.87	139	96402	48.61	ng		93
27) 2,4-Dimethylphenol	9.94	122	159181	54.12	ng		95
28) bis(2-Chloroethoxy)methane	10.16	93	211026	47.22	ng		99
29) 2,4-Dichlorophenol	10.42	162	172757	49.74	ng		99
30) 1,2,4-Trichlorobenzene	10.62	180	190085	46.31	ng		98
31) Naphthalene	10.81	128	513481	46.70	ng		99
32) Benzoic acid	10.11	122	97728	48.67	ng		95
33) 4-Chloroaniline	10.92	127	132906	28.92	ng		96
34) Hexachlorobutadiene	11.10	225	132058	45.52	ng		96
35) Caprolactam	11.69	113	59517	46.68	ng		82
36) 4-Chloro-3-methylphenol	12.07	107	194187	49.61	ng		97
37) 2-Methylnaphthalene	12.42	142	383262	46.76	ng		99
38) 1-Methylnaphthalene	12.63	142	361894m	46.75	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	220155	48.47	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	249282	95.08	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	151791	48.11	ng		96
44) 2,4,5-Trichlorophenol	13.12	196	160831	44.60	ng		97
46) 1,1'-Biphenyl	13.43	154	486837	48.72	ng		98
47) 2-Chloronaphthalene	13.47	162	367100	45.24	ng		100
48) 2-Nitroaniline	13.67	65	124206	46.54	ng		94
49) Acenaphthylene	14.31	152	614387	47.14	ng		99
50) Dimethylphthalate	14.05	163	502885	45.08	ng		98
51) 2,6-Dinitrotoluene	14.17	165	112912	44.86	ng		98
52) Acenaphthene	14.66	154	362445	41.54	ng		98
53) 3-Nitroaniline	14.50	138	82495	32.24	ng		100
54) 2,4-Dinitrophenol	14.71	184	139627	84.36	ng		97
55) Dibenzofuran	15.00	168	595090	45.93	ng		97
56) 4-Nitrophenol	14.85	139	178721	92.25	ng		91
57) 2,4-Dinitrotoluene	14.96	165	162833	44.66	ng		99
58) Fluorene	15.65	166	494904	46.50	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.23	232	150574	47.47	ng		99
60) Diethylphthalate	15.42	149	520954	44.87	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	270862	44.47	ng		98
62) 4-Nitroaniline	15.67	138	119947	44.90	ng		96
63) Azobenzene	15.93	77	501696	46.34	ng		99
65) 4,6-Dinitro-2-methylphenol	15.73	198	109861	49.00	ng		92
66) n-Nitrosodiphenylamine	15.85	169	439986	47.60	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	188814	45.30	ng		97
68) Hexachlorobenzene	16.66	284	204331	46.87	ng		99
69) Atrazine	16.81	200	170166	44.70	ng		98
70) Pentachlorophenol	17.01	266	232319	102.63	ng		97
71) Phenanthrene	17.39	178	804513	47.87	ng		99
72) Anthracene	17.48	178	821378	48.67	ng		98
73) Carbazole	17.75	167	771376	46.89	ng		99
74) Di-n-butylphthalate	18.31	149	915039	46.34	ng		100
75) Fluoranthene	19.40	202	1031386	48.25	ng		99
77) Benzidine	19.58	184	552546	51.29	ng		99
78) Pyrene	19.76	202	1030239	47.11	ng		100
80) Butylbenzylphthalate	20.65	149	431135	45.68	ng		98
81) Benzo(a)anthracene	21.59	228	1015910	47.54	ng		100
82) 3,3'-Dichlorobenzidine	21.50	252	283272	33.79	ng		97
83) Chrysene	21.65	228	962086	46.82	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	600099	46.25	ng		99
85) Di-n-octyl phthalate	22.69	149	987484	44.31	ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1226159	45.63	ng	#	96
88) Benzo(b)fluoranthene	23.75	252	1031124	46.38	ng		99
89) Benzo(k)fluoranthene	23.82	252	1046560	50.10	ng		99
90) Benzo(a)pyrene	24.60	252	963783	46.55	ng		99
91) Dibenzo(a,h)anthracene	28.38	278	1006271	48.36	ng		99
92) Benzo(g,h,i)perylene	29.44	276	1008218	48.45	ng		95

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

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