Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060420\
Data File : BG045607.D
Acq On : 4 Jun 2020 16:14
Operator : CG/JU
Sample : PB129295BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB129295BS

Manual Integrations APPROVED
mohammad
6/5/2020 10:30:02 AM

Quant Time: Jun 04 17:41:05 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	50636	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	210174	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	164666	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	404749	20.00	ng	0.00
76) Chrysene-d12	21.61	240	369103	20.00	ng	0.00
87) Perylene-d12	24.75	264	403356	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	379270	146.38	ng	0.00
7) Phenol-d6	7.14	99	551358	149.51	ng	0.00
23) Nitrobenzene-d5	9.11	82	353385	91.69	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	293216	139.24	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	873104	89.94	ng	0.00
79) Terphenyl-d14	19.96	244	1524091	96.30	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.40	88	46723	36.365	ng	97
3) Pyridine	3.80	79	107592	30.067	ng	97
4) n-Nitrosodimethylamine	3.71	42	49905	42.619	ng	81
6) Aniline	7.27	93	155497	32.301	ng	96
8) 2-Chlorophenol	7.53	128	141253	49.713	ng	99
9) Benzaldehyde	7.09	77	85411	35.548	ng	93
10) Phenol	7.17	94	191449	50.371	ng	96
11) bis(2-Chloroethyl)ether	7.37	93	126718	42.744	ng	93
12) 1,3-Dichlorobenzene	7.84	146	143558	42.043	ng	99
13) 1,4-Dichlorobenzene	7.98	146	144142	42.776	ng	98
14) 1,2-Dichlorobenzene	8.31	146	136337	42.067	ng	97
15) Benzyl Alcohol	8.20	79	151098	49.598	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.48	45	123778	43.985	ng	98
17) 2-Methylphenol	8.42	107	131798	46.329	ng	98
18) Hexachloroethane	9.04	117	55683	43.146	ng	97
19) n-Nitroso-di-n-propylamine	8.76	70	121344	47.583	ng	94
20) 3+4-Methylphenols	8.75	107	184425	47.607	ng	92
22) Acetophenone	8.77	105	217466	43.656	ng	98
24) Nitrobenzene	9.15	77	181442	43.940	ng	99
25) Isophorone	9.68	82	346531	45.654	ng	100
26) 2-Nitrophenol	9.87	139	83029	47.003	ng	97
27) 2,4-Dimethylphenol	9.95	122	143860	54.909	ng	93
28) bis(2-Chloroethoxy)methane	10.16	93	190405	47.833	ng	99
29) 2,4-Dichlorophenol	10.42	162	158327	51.175	ng	99
30) 1,2,4-Trichlorobenzene	10.62	180	162372	44.415	ng	99
31) Naphthalene	10.81	128	441008	45.029	ng	99
32) Benzoic acid	10.12	122	81601	46.255	ng	90
33) 4-Chloroaniline	10.92	127	86412	21.107	ng	98
34) Hexachlorobutadiene	11.10	225	110565	42.785	ng	99
35) Caprolactam	11.69	113	57628m	50.747	ng	
36) 4-Chloro-3-methylphenol	12.07	107	180781	51.855	ng	99
37) 2-Methylnaphthalene	12.42	142	349956	47.940	ng	96
38) 1-Methylnaphthalene	12.64	142	334739	48.544	ng	95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	200957	43.692	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	246393	92.815	ng		98
43) 2,4,6-Trichlorophenol	13.04	196	143691	44.974	ng		100
44) 2,4,5-Trichlorophenol	13.12	196	153828	42.132	ng		96
46) 1,1'-Biphenyl	13.43	154	466874	46.143	ng		98
47) 2-Chloronaphthalene	13.47	162	351853	42.824	ng		99
48) 2-Nitroaniline	13.68	65	120951	44.753	ng		98
49) Acenaphthylene	14.32	152	607532	46.035	ng		98
50) Dimethylphthalate	14.05	163	510227	45.169	ng		99
51) 2,6-Dinitrotoluene	14.17	165	113073	44.361	ng		97
52) Acenaphthene	14.66	154	450776m	51.028	ng		
53) 3-Nitroaniline	14.50	138	63663	24.570	ng		96
54) 2,4-Dinitrophenol	14.72	184	139830	83.489	ng		98
55) Dibenzofuran	15.00	168	590119	44.983	ng		96
56) 4-Nitrophenol	14.85	139	166204	84.724	ng		92
57) 2,4-Dinitrotoluene	14.96	165	165737	44.896	ng		96
58) Fluorene	15.64	166	496940	46.109	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.23	232	144484	44.981	ng		99
60) Diethylphthalate	15.42	149	535899	45.580	ng		99
61) 4-Chlorophenyl-phenylether	15.64	204	276393	44.816	ng		99
62) 4-Nitroaniline	15.67	138	115676	42.763	ng		99
63) Azobenzene	15.93	77	505384	46.099	ng		98
65) 4,6-Dinitro-2-methylphenol	15.73	198	104284	44.240	ng		96
66) n-Nitrosodiphenylamine	15.86	169	445083	45.800	ng		97
67) 4-Bromophenyl-phenylether	16.53	248	193553	44.162	ng		98
68) Hexachlorobenzene	16.65	284	209034	45.601	ng		94
69) Atrazine	16.81	200	172999	43.220	ng		98
70) Pentachlorophenol	17.01	266	210217	88.319	ng		98
71) Phenanthrene	17.39	178	807471	45.698	ng		99
72) Anthracene	17.48	178	825825	46.540	ng		99
73) Carbazole	17.75	167	748690	43.286	ng		99
74) Di-n-butylphthalate	18.31	149	912593	43.959	ng		99
75) Fluoranthene	19.40	202	1012162	45.036	ng		100
77) Benzidine	19.58	184	354863	34.232	ng		100
78) Pyrene	19.76	202	994629	47.272	ng		99
80) Butylbenzylphthalate	20.65	149	391272	43.083	ng		99
81) Benzo(a)anthracene	21.58	228	941001	45.765	ng		99
82) 3,3'-Dichlorobenzidine	21.50	252	224498	27.834	ng		98
83) Chrysene	21.65	228	887151	44.872	ng		99
84) Bis(2-ethylhexyl)phthalate	21.50	149	552705	44.273	ng		98
85) Di-n-octyl phthalate	22.69	149	938409	43.766	ng		100
86) Indeno(1,2,3-cd)pyrene	28.32	276	1160591	44.891	ng	#	96
88) Benzo(b)fluoranthene	23.76	252	976939	45.161	ng		98
89) Benzo(k)fluoranthene	23.82	252	988727	48.650	ng		99
90) Benzo(a)pyrene	24.60	252	911437	45.240	ng		99
91) Dibenzo(a,h)anthracene	28.39	278	950859	46.966	ng		98
92) Benzo(g,h,i)perylene	29.44	276	964102	47.614	ng		96

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

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