Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG100621\
Data File : BG050472.D
Acq On : 6 Oct 2021 17:47
Operator : CG/JU
Sample : PB139663BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB139663BS

Manual Integrations APPROVED
mohammad
10/8/2021 8:34:55 AM

Quant Time: Oct 06 18:22:31 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG100621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 06 15:51:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.259	152	59802	20.00	ng		0.00
21) Naphthalene-d8	11.085	136	256590	20.00	ng		# 0.00
39) Acenaphthene-d10	14.880	164	177566	20.00	ng		0.00
64) Phenanthrene-d10	17.618	188	393254	20.00	ng		# 0.00
76) Chrysene-d12	21.919	240	348742	20.00	ng		# 0.00
86) Perylene-d12	25.333	264	333410	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.797	112	550831	137.75	ng		0.00
7) Phenol-d6	7.401	99	743394	128.41	ng		0.00
23) Nitrobenzene-d5	9.434	82	521941	84.20	ng		0.00
42) 2,4,6-Tribromophenol	16.361	330	218523	129.02	ng		0.00
45) 2-Fluorobiphenyl	13.506	172	935756	79.31	ng		0.00
79) Terphenyl-d14	20.209	244	1459296	81.55	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.658	88	62223	30.04	ng		91
3) Pyridine	4.064	79	144254	25.50	ng		94
4) n-Nitrosodimethylamine	3.975	42	124554	46.72	ng	#	48
6) Aniline	7.577	93	291422	43.33	ng		91
8) 2-Chlorophenol	7.818	128	199636	51.85	ng		88
9) Benzaldehyde	7.389	77	113522	29.84	ng		91
10) Phenol	7.430	94	278696	49.51	ng		87
11) bis(2-Chloroethyl)ether	7.671	93	201771	45.93	ng		85
12) 1,3-Dichlorobenzene	8.147	146	196385	44.19	ng		96
13) 1,4-Dichlorobenzene	8.294	146	200599	44.77	ng		97
14) 1,2-Dichlorobenzene	8.617	146	197529	46.16	ng		94
15) Benzyl Alcohol	8.494	79	228103	49.86	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.782	45	336925	47.02	ng		86
17) 2-Methylphenol	8.688	107	186742	50.42	ng		94
18) Hexachloroethane	9.352	117	80426	47.43	ng		89
19) n-Nitroso-di-n-propyla...	9.070	70	195744	46.39	ng	#	89
20) 3+4-Methylphenols	9.017	107	257776	49.45	ng		95
22) Acetophenone	9.087	105	321718	44.10	ng	#	97
24) Nitrobenzene	9.475	77	281640	45.70	ng		96
25) Isophorone	9.998	82	502541	45.71	ng	#	95
26) 2-Nitrophenol	10.186	139	106217	46.93	ng		94
27) 2,4-Dimethylphenol	10.233	122	209988	53.71	ng		93
28) bis(2-Chloroethoxy)met...	10.474	93	275493	43.82	ng		93
29) 2,4-Dichlorophenol	10.721	162	195738	49.12	ng		96
30) 1,2,4-Trichlorobenzene	10.944	180	200631	44.32	ng		97
31) Naphthalene	11.138	128	612600	44.60	ng		95
32) Benzoic acid	10.374	122	151024	52.04	ng	#	74
33) 4-Chloroaniline	11.238	127	198858	34.51	ng		98
34) Hexachlorobutadiene	11.408	225	126145	44.39	ng		94
35) Caprolactam	12.019	113	74532m	48.87	ng		
36) 4-Chloro-3-methylphenol	12.330	107	241476	48.48	ng	#	89
37) 2-Methylnaphthalene	12.724	142	439701	46.40	ng		95
38) 1-Methylnaphthalene	12.941	142	407724	44.37	ng		91
40) 1,2,4,5-Tetrachloroben...	13.082	216	227794	43.44	ng		96
41) Hexachlorocyclopentadiene	13.059	237	274872	90.70	ng		91
43) 2,4,6-Trichlorophenol	13.312	196	166187	44.98	ng		93

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.382	196	178100	46.10	ng		89
46) 1,1'-Biphenyl	13.717	154	544353	42.03	ng		93
47) 2-Chloronaphthalene	13.764	162	428820	43.12	ng		99
48) 2-Nitroaniline	13.958	65	184153	46.55	ng		96
49) Acenaphthylene	14.604	152	709229	43.52	ng		97
50) Dimethylphthalate	14.322	163	575218	42.86	ng		99
51) 2,6-Dinitrotoluene	14.446	165	124953	46.48	ng		98
52) Acenaphthene	14.945	154	510917m	48.79	ng		
53) 3-Nitroaniline	14.780	138	121258	38.13	ng		85
54) 2,4-Dinitrophenol	14.980	184	147982	88.73	ng		93
55) Dibenzofuran	15.274	168	679161	41.94	ng		98
56) 4-Nitrophenol	15.074	139	236693	92.53	ng	#	84
57) 2,4-Dinitrotoluene	15.233	165	180155	47.54	ng		93
58) Fluorene	15.920	166	539658	43.38	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.491	232	151836	45.12	ng		96
60) Diethylphthalate	15.679	149	617686	43.80	ng		97
61) 4-Chlorophenyl-phenyle...	15.909	204	294407	43.26	ng		99
62) 4-Nitroaniline	15.944	138	144843	43.78	ng	#	69
63) Azobenzene	16.202	77	700850	42.93	ng		83
65) 4,6-Dinitro-2-methylph...	15.991	198	96473	40.84	ng		87
66) n-Nitrosodiphenylamine	16.120	169	495403	44.34	ng		96
67) 4-Bromophenyl-phenylether	16.802	248	177943	44.90	ng		99
68) Hexachlorobenzene	16.919	284	183216	46.52	ng	#	92
69) Atrazine	17.060	200	200839	45.63	ng		98
70) Pentachlorophenol	17.260	266	249967	93.23	ng		96
71) Phenanthrene	17.665	178	910191	43.92	ng		99
72) Anthracene	17.753	178	929523	45.14	ng		97
73) Carbazole	18.018	167	866798	42.23	ng		98
74) Di-n-butylphthalate	18.558	149	1066599	44.28	ng		97
75) Fluoranthene	19.657	202	1121235	44.02	ng		95
77) Benzidine	19.833	184	470724	41.65	ng		97
78) Pyrene	20.021	202	1104620	44.64	ng		94
80) Butylbenzylphthalate	20.891	149	475777	45.46	ng		95
81) Benzo(a)anthracene	21.902	228	1011123	43.82	ng		98
82) 3,3'-Dichlorobenzidine	21.808	252	344527	45.05	ng	#	98
83) Chrysene	21.972	228	960576	44.25	ng		94
84) Bis(2-ethylhexyl)phtha...	21.778	149	686891	46.19	ng	#	98
85) Di-n-octyl phthalate	23.059	149	1159208	46.74	ng	#	95
87) Indeno(1,2,3-cd)pyrene	29.258	276	1140498	49.11	ng	#	92
88) Benzo(b)fluoranthene	24.246	252	1064715	52.14	ng	#	92
89) Benzo(k)fluoranthene	24.322	252	976710	48.62	ng	#	96
90) Benzo(a)pyrene	25.174	252	1013357	58.37	ng	#	95
91) Dibenzo(a,h)anthracene	29.334	278	967312	50.36	ng	#	92
92) Benzo(g,h,i)perylene	30.491	276	957516	50.90	ng	#	90

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

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