Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021121\
Data File : BG048139.D
Acq On : 11 Feb 2021 17:12
Operator : CG/JU
Sample : PB134579BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB134579BS

Manual Integrations APPROVED
mohammad
2/12/2021 11:23:35 AM

Quant Time: Feb 11 18:11:12 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG021021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 10 17:26:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.103	152	41158	20.00	ng	#	0.00
21) Naphthalene-d8	10.918	136	161561	20.00	ng		0.00
39) Acenaphthene-d10	14.725	164	118145	20.00	ng		0.00
64) Phenanthrene-d10	17.469	188	294744	20.00	ng	#	0.00
76) Chrysene-d12	21.740	240	345442	20.00	ng	#	0.00
86) Perylene-d12	25.001	264	357874	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.659	112	350058	144.78	ng		0.00
7) Phenol-d6	7.251	99	480190	130.72	ng		0.00
23) Nitrobenzene-d5	9.267	82	274272	71.81	ng		0.00
42) 2,4,6-Tribromophenol	16.212	330	221311	117.11	ng		0.00
45) 2-Fluorobiphenyl	13.350	172	600629	71.27	ng		0.00
79) Terphenyl-d14	20.066	244	1164394	61.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.538	88	53321	48.12	ng	#	94
3) Pyridine	3.938	79	142041	46.37	ng		92
4) n-Nitrosodimethylamine	3.850	42	81656	50.21	ng	#	74
6) Aniline	7.422	93	181552	41.36	ng		90
8) 2-Chlorophenol	7.663	128	141781	53.39	ng		89
9) Benzaldehyde	7.234	77	79681	30.62	ng		90
10) Phenol	7.281	94	196258	52.84	ng		78
11) bis(2-Chloroethyl)ether	7.516	93	140814	48.66	ng		95
12) 1,3-Dichlorobenzene	7.992	146	153869	50.15	ng	#	88
13) 1,4-Dichlorobenzene	8.139	146	156304	50.52	ng		95
14) 1,2-Dichlorobenzene	8.462	146	150504	51.15	ng		94
15) Benzyl Alcohol	8.338	79	157967	48.79	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.632	45	180767	48.17	ng		94
17) 2-Methylphenol	8.538	107	127820	52.77	ng	#	86
18) Hexachloroethane	9.190	117	60852	51.59	ng		89
19) n-Nitroso-di-n-propyla...	8.908	70	126531	44.62	ng		94
20) 3+4-Methylphenols	8.861	107	172175	51.01	ng		88
22) Acetophenone	8.926	105	227723	49.10	ng	#	93
24) Nitrobenzene	9.308	77	195836	48.05	ng	#	83
25) Isophorone	9.831	82	325141	42.93	ng	#	91
26) 2-Nitrophenol	10.019	139	78990	46.86	ng	#	70
27) 2,4-Dimethylphenol	10.072	122	127550	52.57	ng	#	84
28) bis(2-Chloroethoxy)met...	10.313	93	190310	51.40	ng		98
29) 2,4-Dichlorophenol	10.559	162	153436	49.45	ng		95
30) 1,2,4-Trichlorobenzene	10.777	180	175648	49.79	ng		98
31) Naphthalene	10.965	128	419226	47.01	ng		100
32) Benzoic acid	10.201	122	75841	42.59	ng	#	78
33) 4-Chloroaniline	11.065	127	88870	22.97	ng	#	92
34) Hexachlorobutadiene	11.253	225	124480	47.18	ng		96
35) Caprolactam	11.840	113	47359m	46.07	ng		
36) 4-Chloro-3-methylphenol	12.175	107	161585	47.10	ng		84
37) 2-Methylnaphthalene	12.563	142	317691	45.81	ng	#	90
38) 1-Methylnaphthalene	12.780	142	301511	45.97	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.927	216	208996	49.53	ng	#	97
41) Hexachlorocyclopentadiene	12.910	237	318504	123.78	ng		99
43) 2,4,6-Trichlorophenol	13.162	196	147838	48.75	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.233	196	156842	47.96	ng	#	93
46) 1,1'-Biphenyl	13.562	154	426605	50.40	ng		96
47) 2-Chloronaphthalene	13.609	162	346615	48.12	ng		97
48) 2-Nitroaniline	13.803	65	125430	48.51	ng	#	78
49) Acenaphthylene	14.449	152	530885	47.64	ng		99
50) Dimethylphthalate	14.179	163	462047	46.77	ng		97
51) 2,6-Dinitrotoluene	14.296	165	100229	45.15	ng	#	60
52) Acenaphthene	14.790	154	400256m	53.06	ng		
53) 3-Nitroaniline	14.625	138	69473	31.86	ng	#	79
54) 2,4-Dinitrophenol	14.831	184	136979	94.79	ng	#	73
55) Dibenzofuran	15.125	168	534181	45.29	ng		93
56) 4-Nitrophenol	14.925	139	170430	95.35	ng	#	48
57) 2,4-Dinitrotoluene	15.078	165	146006	45.53	ng	#	77
58) Fluorene	15.771	166	432328	46.20	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.348	232	153379	46.83	ng		97
60) Diethylphthalate	15.536	149	474667	47.00	ng		96
61) 4-Chlorophenyl-phenyle...	15.765	204	260296	46.20	ng		99
62) 4-Nitroaniline	15.789	138	106605	47.01	ng	#	62
63) Azobenzene	16.053	77	452407	44.88	ng		89
65) 4,6-Dinitro-2-methylph...	15.841	198	96469	45.10	ng		82
66) n-Nitrosodiphenylamine	15.977	169	398185	46.71	ng		99
67) 4-Bromophenyl-phenylether	16.658	248	176138	46.61	ng		97
68) Hexachlorobenzene	16.776	284	187533	48.11	ng		97
69) Atrazine	16.917	200	155927	43.99	ng		97
70) Pentachlorophenol	17.116	266	237687	92.71	ng		100
71) Phenanthrene	17.510	178	763415	47.70	ng		97
72) Anthracene	17.604	178	774997	48.76	ng		98
73) Carbazole	17.868	167	715429	47.59	ng		98
74) Di-n-butylphthalate	18.421	149	883470	53.04	ng	#	97
75) Fluoranthene	19.514	202	1077675	51.72	ng		97
77) Benzidine	19.690	184	566135	50.16	ng		99
78) Pyrene	19.878	202	1074743	44.55	ng		99
80) Butylbenzylphthalate	20.753	149	412970	48.88	ng		89
81) Benzo(a)anthracene	21.723	228	1115733	46.30	ng		99
82) 3,3'-Dichlorobenzidine	21.635	252	273040	31.63	ng	#	99
83) Chrysene	21.787	228	1077617	46.81	ng		99
84) Bis(2-ethylhexyl)phtha...	21.623	149	582287	49.06	ng		96
85) Di-n-octyl phthalate	22.851	149	991630	49.07	ng		96
87) Indeno(1,2,3-cd)pyrene	28.732	276	1330728	49.07	ng	#	94
88) Benzo(b)fluoranthene	23.967	252	1160129	46.88	ng	#	98
89) Benzo(k)fluoranthene	24.038	252	1116090	47.28	ng	#	97
90) Benzo(a)pyrene	24.849	252	1061148	46.24	ng	#	97
91) Dibenzo(a,h)anthracene	28.797	278	1100505	47.57	ng	#	95
92) Benzo(g,h,i)perylene	29.896	276	1085161	48.27	ng	#	93

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

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