Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG101220\
Data File : BG046860.D
Acq On : 13 Oct 2020 3:08
Operator : CG/JU
Sample : PB132258BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB132258BS

Manual Integrations APPROVED
mohammad
10/13/2020 2:59:57 PM

Quant Time: Oct 13 04:39:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG092220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 07 11:38:17 2020
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.102	152	51456	20.00	ng	0.00
21) Naphthalene-d8	10.917	136	202107	20.00	ng	# 0.00
39) Acenaphthene-d10	14.730	164	164469	20.00	ng	0.00
64) Phenanthrene-d10	17.474	188	470637	20.00	ng	# 0.00
76) Chrysene-d12	21.745	240	498428	20.00	ng	#-0.01
86) Perylene-d12	25.012	264	504100	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.664	112	348690	108.56	ng	0.00
7) Phenol-d6	7.256	99	471175	104.00	ng	0.00
23) Nitrobenzene-d5	9.266	82	323981	85.28	ng	0.00
42) 2,4,6-Tribromophenol	16.211	330	307635	141.86	ng	0.00
45) 2-Fluorobiphenyl	13.355	172	789439	67.95	ng	0.00
79) Terphenyl-d14	20.077	244	1758096	70.69	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.555	88	38290	25.55	ng	# 84
3) Pyridine	3.954	79	118193	27.88	ng	98
4) n-Nitrosodimethylamine	3.866	42	69921	31.51	ng	# 74
6) Aniline	7.427	93	127362	23.26	ng	94
8) 2-Chlorophenol	7.668	128	124897	39.02	ng	92
9) Benzaldehyde	7.233	77	35231	9.31	ng	94
10) Phenol	7.280	94	174099	38.61	ng	81
11) bis(2-Chloroethyl)ether	7.515	93	118842	34.10	ng	95
12) 1,3-Dichlorobenzene	7.997	146	140113	33.90	ng	# 86
13) 1,4-Dichlorobenzene	8.144	146	141873	34.64	ng	98
14) 1,2-Dichlorobenzene	8.461	146	141203	36.96	ng	95
15) Benzyl Alcohol	8.338	79	132927	35.69	ng	90
16) 2,2'-oxybis(1-Chloropr...	8.625	45	171780	28.09	ng	97
17) 2-Methylphenol	8.537	107	113739	39.28	ng	# 87
18) Hexachloroethane	9.195	117	51185	33.13	ng	95
19) n-Nitroso-di-n-propyla...	8.907	70	103654	33.36	ng	95
20) 3+4-Methylphenols	8.866	107	157155	39.82	ng	93
22) Acetophenone	8.925	105	197401	33.63	ng	# 92
24) Nitrobenzene	9.307	77	159766	38.53	ng	# 87
25) Isophorone	9.830	82	280141	33.78	ng	95
26) 2-Nitrophenol	10.018	139	73609	49.10	ng	# 79
27) 2,4-Dimethylphenol	10.077	122	123662	41.27	ng	90
28) bis(2-Chloroethoxy)met...	10.312	93	164287	32.12	ng	96
29) 2,4-Dichlorophenol	10.558	162	151240	41.96	ng	99
30) 1,2,4-Trichlorobenzene	10.776	180	146339	34.01	ng	96
31) Naphthalene	10.970	128	387564	35.35	ng	99
32) Benzoic acid	10.200	122	100297	47.98	ng	87
33) 4-Chloroaniline	11.070	127	93903	19.34	ng	95
34) Hexachlorobutadiene	11.252	225	105222	33.35	ng	98
35) Caprolactam	11.833	113	56884m	46.59	ng	
36) 4-Chloro-3-methylphenol	12.180	107	166704	43.02	ng	89
37) 2-Methylnaphthalene	12.562	142	303895	37.39	ng	# 94
38) 1-Methylnaphthalene	12.779	142	286162	37.93	ng	95
40) 1,2,4,5-Tetrachloroben...	12.926	216	194954	32.97	ng	# 97
41) Hexachlorocyclopentadiene	12.909	237	262408	76.30	ng	99
43) 2,4,6-Trichlorophenol	13.161	196	141909	38.17	ng	92

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.232	196	155029	41.43	ng	#	91
46) 1,1'-Biphenyl	13.567	154	422263	33.39	ng		95
47) 2-Chloronaphthalene	13.608	162	334495	32.55	ng		98
48) 2-Nitroaniline	13.802	65	126278	46.29	ng	#	85
49) Acenaphthylene	14.454	152	525814	34.77	ng		98
50) Dimethylphthalate	14.178	163	489375	37.25	ng		100
51) 2,6-Dinitrotoluene	14.295	165	109147	51.13	ng	#	72
52) Acenaphthene	14.795	154	419644m	40.86	ng		
53) 3-Nitroaniline	14.624	138	72387	30.00	ng	#	77
54) 2,4-Dinitrophenol	14.830	184	136464	117.04	ng	#	78
55) Dibenzofuran	15.124	168	564680	36.42	ng		97
56) 4-Nitrophenol	14.924	139	211389	106.38	ng	#	67
57) 2,4-Dinitrotoluene	15.083	165	167420	59.22	ng	#	83
58) Fluorene	15.776	166	478910	38.57	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.347	232	168836	45.14	ng		94
60) Diethylphthalate	15.541	149	509586	38.58	ng		98
61) 4-Chlorophenyl-phenyle...	15.764	204	275296	38.84	ng		96
62) 4-Nitroaniline	15.788	138	120741	45.08	ng	#	64
63) Azobenzene	16.058	77	459239	35.37	ng		93
65) 4,6-Dinitro-2-methylph...	15.840	198	112189	57.43	ng		85
66) n-Nitrosodiphenylamine	15.976	169	464408	32.85	ng		97
67) 4-Bromophenyl-phenylether	16.657	248	196720	33.08	ng		96
68) Hexachlorobenzene	16.775	284	208132	32.53	ng		91
69) Atrazine	16.922	200	163513	28.78	ng		97
70) Pentachlorophenol	17.115	266	305454	82.70	ng		90
71) Phenanthrene	17.515	178	883549	34.58	ng		97
72) Anthracene	17.603	178	910061	36.09	ng		97
73) Carbazole	17.868	167	818452	35.67	ng		98
74) Di-n-butylphthalate	18.426	149	976030	34.61	ng	#	98
75) Fluoranthene	19.519	202	1181566	36.31	ng		98
77) Benzidine	19.689	184	332985	21.67	ng		99
78) Pyrene	19.877	202	1175007	36.67	ng		98
80) Butylbenzylphthalate	20.758	149	432383	34.92	ng		92
81) Benzo(a)anthracene	21.728	228	1155458	34.72	ng		98
82) 3,3'-Dichlorobenzidine	21.634	252	319528	24.74	ng		99
83) Chrysene	21.792	228	1121906	35.28	ng		99
84) Bis(2-ethylhexyl)phtha...	21.628	149	625674	34.40	ng		97
85) Di-n-octyl phthalate	22.856	149	1061735	33.95	ng	#	96
87) Indeno(1,2,3-cd)pyrene	28.743	276	1360870	36.49	ng	#	89
88) Benzo(b)fluoranthene	23.978	252	1204748	36.47	ng	#	98
89) Benzo(k)fluoranthene	24.049	252	1168534	36.79	ng	#	97
90) Benzo(a)pyrene	24.859	252	1093913	35.19	ng	#	97
91) Dibenzo(a,h)anthracene	28.814	278	1122410	36.79	ng		98
92) Benzo(g,h,i)perylene	29.918	276	1137615	38.13	ng	#	93

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

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