Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG013120\
Data File : BG044254.D
Acq On : 31 Jan 2020 10:58
Operator : CG/JU
Sample : PB126472BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB126472BS

Manual Integrations APPROVED
mohammad
2/3/2020 4:10:41 PM

Quant Time: Jan 31 23:44:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	82231	20.00	ng		0.00
21) Naphthalene-d8	10.72	136	340461	20.00	ng		0.00
39) Acenaphthene-d10	14.55	164	224952	20.00	ng		0.00
64) Phenanthrene-d10	17.30	188	520189	20.00	ng		0.00
76) Chrysene-d12	21.55	240	478134	20.00	ng		0.00
87) Perylene-d12	24.64	264	532109	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	587994	126.20	ng		0.00
7) Phenol-d6	7.09	99	772563	123.47	ng		0.00
23) Nitrobenzene-d5	9.07	82	414553	68.74	ng		0.00
42) 2,4,6-Tribromophenol	16.05	330	324815	123.00	ng		0.00
45) 2-Fluorobiphenyl	13.18	172	956188	71.18	ng		0.00
79) Terphenyl-d14	19.91	244	1600141	68.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.37	88	84721	40.470	ng		99
3) Pyridine	3.77	79	193387	34.673	ng		97
4) n-Nitrosodimethylamine	3.68	42	97063	41.647	ng		100
6) Aniline	7.24	93	250636	32.272	ng		99
8) 2-Chlorophenol	7.48	128	229225	44.763	ng		99
9) Benzaldehyde	7.04	77	115302	32.356	ng		99
10) Phenol	7.12	94	281846	45.516	ng		97
11) bis(2-Chloroethyl)ether	7.33	93	217781	41.138	ng		97
12) 1,3-Dichlorobenzene	7.81	146	247535	40.486	ng		98
13) 1,4-Dichlorobenzene	7.95	146	249062	41.130	ng		98
14) 1,2-Dichlorobenzene	8.27	146	234595	40.986	ng		100
15) Benzyl Alcohol	8.15	79	187236	42.268	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.44	45	277562	38.737	ng		98
17) 2-Methylphenol	8.36	107	195071	44.154	ng		97
18) Hexachloroethane	9.00	117	92374	40.651	ng		99
19) n-Nitroso-di-n-propylamine	8.72	70	167707	40.218	ng		98
20) 3+4-Methylphenols	8.69	107	269663	44.289	ng		99
22) Acetophenone	8.73	105	317934	38.387	ng	#	99
24) Nitrobenzene	9.11	77	237138	40.280	ng		99
25) Isophorone	9.64	82	455808	40.552	ng		99
26) 2-Nitrophenol	9.83	139	128190	41.963	ng		97
27) 2,4-Dimethylphenol	9.89	122	219791	50.969	ng		99
28) bis(2-Chloroethoxy)methane	10.12	93	295707	39.437	ng		99
29) 2,4-Dichlorophenol	10.36	162	228228	43.770	ng		99
30) 1,2,4-Trichlorobenzene	10.58	180	232951	38.963	ng		100
31) Naphthalene	10.76	128	678338	41.066	ng		100
32) Benzoic acid	10.04	122	56484	28.186	ng		96
33) 4-Chloroaniline	10.87	127	181189	24.118	ng		99
34) Hexachlorobutadiene	11.06	225	138277	37.586	ng		98
35) Caprolactam	11.63	113	86596m	45.337	ng		
36) 4-Chloro-3-methylphenol	12.00	107	239923	43.887	ng		99
37) 2-Methylnaphthalene	12.38	142	503773	41.076	ng		99
38) 1-Methylnaphthalene	12.60	142	480843	41.586	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.75	216	247599	36.796	ng		99

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Quant Time: Jan 31 23:44:12 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG013020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 30 16:05:09 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	309140	95.745	ng		99
43) 2,4,6-Trichlorophenol	12.98	196	176046	40.475	ng		100
44) 2,4,5-Trichlorophenol	13.06	196	196745	44.286	ng		100
46) 1,1'-Biphenyl	13.38	154	642366	39.589	ng		100
47) 2-Chloronaphthalene	13.43	162	502290	38.901	ng		99
48) 2-Nitroaniline	13.63	65	150520	39.501	ng		97
49) Acenaphthylene	14.27	152	800326	42.260	ng		99
50) Dimethylphthalate	14.01	163	669498	41.403	ng		100
51) 2,6-Dinitrotoluene	14.12	165	150052	41.619	ng		99
52) Acenaphthene	14.62	154	491933	40.075	ng		100
53) 3-Nitroaniline	14.45	138	106765	26.766	ng		99
54) 2,4-Dinitrophenol	14.66	184	172777	80.791	ng		99
55) Dibenzofuran	14.95	168	780465	41.994	ng		100
56) 4-Nitrophenol	14.77	139	284579	97.397	ng		99
57) 2,4-Dinitrotoluene	14.91	165	213485	42.247	ng		99
58) Fluorene	15.60	166	621968	42.489	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.18	232	178178	44.402	ng		99
60) Diethylphthalate	15.38	149	681768	42.313	ng		99
61) 4-Chlorophenyl-phenylether	15.59	204	323145	40.714	ng		98
62) 4-Nitroaniline	15.62	138	150882	37.855	ng		99
63) Azobenzene	15.89	77	601968	42.628	ng		99
65) 4,6-Dinitro-2-methylphenol	15.68	198	130398	45.412	ng		97
66) n-Nitrosodiphenylamine	15.81	169	590900	40.534	ng		99
67) 4-Bromophenyl-phenylether	16.49	248	218373	38.531	ng		99
68) Hexachlorobenzene	16.61	284	239191	37.672	ng		98
69) Atrazine	16.76	200	234777	46.987	ng		99
70) Pentachlorophenol	16.96	266	264346	82.239	ng		97
71) Phenanthrene	17.34	178	1031125	40.935	ng		99
72) Anthracene	17.43	178	1063331	42.698	ng		99
73) Carbazole	17.70	167	982255	42.784	ng		100
74) Di-n-butylphthalate	18.27	149	1228735	43.310	ng		99
75) Fluoranthene	19.35	202	1274981	43.755	ng		99
77) Benzidine	19.53	184	585725	44.165	ng		99
78) Pyrene	19.71	202	1277251	41.596	ng		99
80) Butylbenzylphthalate	20.61	149	566320	40.472	ng		99
81) Benzo(a)anthracene	21.53	228	1216105	41.269	ng		99
82) 3,3'-Dichlorobenzidine	21.44	252	329755	28.833	ng		99
83) Chrysene	21.59	228	1160849	40.755	ng		100
84) Bis(2-ethylhexyl)phthalate	21.45	149	793552	41.202	ng		99
85) Di-n-octyl phthalate	22.61	149	1378555	41.368	ng		100
86) Indeno(1,2,3-cd)pyrene	28.14	276	1497316	40.293	ng	#	92
88) Benzo(b)fluoranthene	23.67	252	1311792	42.782	ng		99
89) Benzo(k)fluoranthene	23.72	252	1261148	42.201	ng		100
90) Benzo(a)pyrene	24.49	252	1193170	41.157	ng		99
91) Dibenzo(a,h)anthracene	28.20	278	1228302	42.811	ng		99
92) Benzo(g,h,i)perylene	29.24	276	1257505	43.782	ng		98

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

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